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# Index

to

# Copeia

SUPPLEMENT

1955-1964

Clyde F. Reed

JOURNAL OF THE AMERICAN SOCIETY OF  
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1965

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**Index**  
to  
**Copeia**

1955-1964

by

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1965

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## INDEX TO COPEIA

1955 - 1964

by

Clyde F. Reed

This is a ten-year supplement to the INDEX TO COPEIA, published by the author in 1955 (Part I, Author Index) and 1956 (Part II, Subject Index).

This INDEX TO COPEIA follows the same format as the original INDEX, namely, it is presented in two parts: The Author Index -- Part I; and the Subject Index -- Part II. In the Author Index all authors are indexed alphabetically and their articles are indexed chronologically. Those articles dealing with Herpetology have been indexed separately from those dealing with Ichthyology, for the convenience of authors in the two major fields of study covered by COPEIA. Likewise in the Subject Index, the species dealing with Herpetology have been indexed separately from those dealing with Ichthyology. However, both the Author and the Subject Index are bound into one volume this time.

During the past ten years there has been much more consistency in format and presentation than there had been in the earlier volumes. (See introduction to Part I, 1955 for details). The editorial boards have been expanded and the articles have been increasingly longer. Abstracts have been innovated and placed in front of the major articles.

Because of the expense involved and various editorial omissions, no attempt has been made at this time to index the REVIEWS and COMMENTS which appear at the end of each issue. Some of these reviews actually seem to contain more prime information than the NOTES, and probably should have been published as an article and received recognition for the prime information contained therein, rather than being lost in REVIEWS and COMMENTS.

By 1962, with the additional material, the abstracts, the long reviews and the acceptance of extra long papers, the editors started putting the table of contents on the back outside cover, and later also on the inside back cover. All this brought the pagination in 1962 to 907 pages, in 1963 to 759 pages, and in 1964 to 779 pages.

During the compilation of this INDEX, several inconsistencies have necessitated my changing things about. Some authors have "signed" their names differently to different articles. This surely fouls up the chronological

index for any one certain person. Each author should have one way to sign his name professionally; not Edward one time, Ed another and E. C. still another. Also nicknames are hardly professional names. Also it has been found necessary to make some page corrections. Some but not all of the mis-spellings for scientific names have been made. Sometimes the "alternate" spelling is also indicated; sometimes both are indexed for convenience. There seems to be a lack of agreement in several instances as to the authority for a particular binomial: most often no authority is given: some of these have been added. New taxa or new combinations are indicated in the subject index by putting the pagination in bold type.

I wish to thank Dr. Doris M. Cochran and Dr. James Peters of the Division of Reptiles and Amphibians, and the members of the Division of Fishes, of the United States National Museum, Smithsonian Institution, Washington, for their assistance and cooperation in the preparation of this INDEX TO COPEIA, supplement, 1955-1964.

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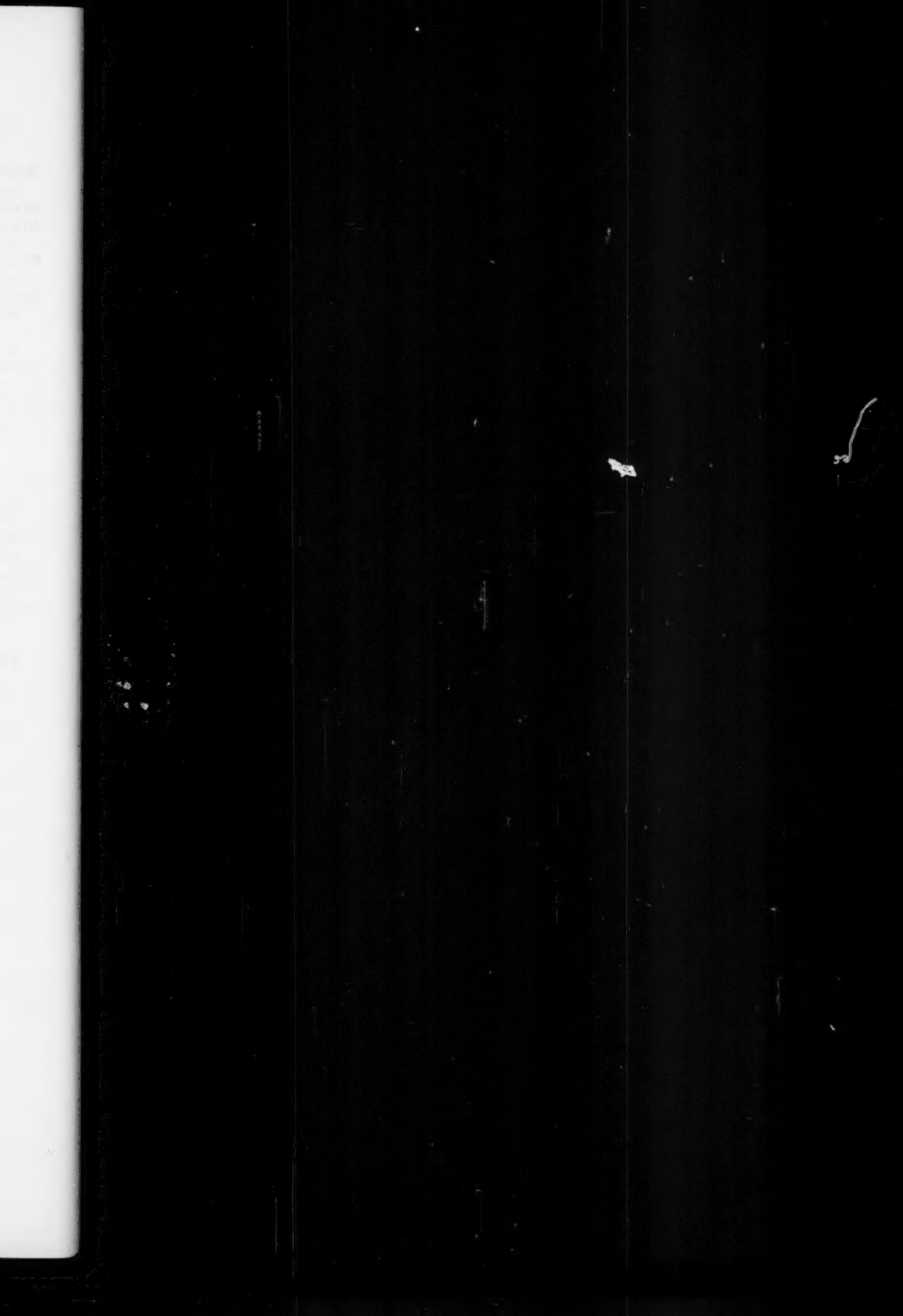


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Holman, 1962(2): 256.  
Boyd, Vinson & Ferguson, 1963(2):  
426 (DDT resistance).
- ACRIS GRYLLUS BLANCHARDI**  
Harper—Blanchard's Cricket  
Frog  
Committee on Common Names,  
1956(3): 176.
- ACRIS GRYLLUS CREPITANS**  
Baird—Northern Cricket Frog  
Martof, 1955(3): 168 (Ga.)  
Committee on Common Names,  
1956(3): 176.  
Gosner & Black, 1957(1): 3 (larval  
develop.)  
Neill, 1957(1): 46 (Ga.)  
Stille, 1958(3): 217 (Water absorp-  
tion)
- ACRIS GRYLLUS DORSALIS** (Harlan)  
—Florida Cricket Frog  
Committee on Common Names,  
1956(3): 176.  
Hansen, 1957(4): 274 (Fla.)
- ACRIS GRYLLUS GRYLLUS**  
(Le Conte)—Southern Cricket  
Frog  
Committee on Common Names,  
1956(3): 176.  
Neill, 1957(1): 46 (Ga.)

- ACRIS GRILLUS GRILLUS (continued)**  
 Holman, 1959(2): 98.  
 Pyburn, 1960(1): 55 (Miss.)  
 Starrett, 1960(4): 303.  
 Ferguson, 1961(4): 393 (Miss.)  
 Lynch, 1962(2): 434 (Ilia)  
 Ferguson, 1963(2): 442 (Heptachlor)  
 Holman, 1963(3): 558.  
 Lynch, 1963(3): 567 (Ilia)  
**ACRIS GRILLUS PALUDICOLA**  
 Burger, Smith & Smith  
 —Coastal Cricket Frog  
 Committee on Common Names,  
 1956(3): 176.  
**ACROCHORDIDAE**  
 Dunn & Dowling, 1957(4): 260.  
**ACROCHORDUS** Hornstedt  
 —Southeastern Asia watersnakes  
 Dunn & Dowling, 1957(4): 258.  
**ADELPHICOS** Jan  
 Stuart, 1957(2): 93 (distrib.)  
**ADELPHICOS NEWMANORUM**  
 Taylor, 1950  
 Martin, 1955(3): 176 (Mexico)  
**ADELPHICOS QUADRIVIRGATUS**  
 NEWMANORUM (Taylor, 1950)  
 Martin, 1955(3): 176 (Mexico)  
**ADELPHICOS QUADRIVIRGATUS**  
 QUADRIVIRGATUS Jan, 1862  
 Martin, 1955(3): 173, 176 (Tamaulipas, Mexico)  
**ADELPHICOS QUADRIVIRGATUS**  
 SARGI (Cope, 1887)  
 Martin, 1955(3): 177 (Mexico)  
**AELUROPHRYNE** Boul., 1919  
 Myers & Leviton, 1962(2): 287, 288  
 (Asia - classif.)  
**AELUROPHRYNE MAMMATA**  
 (Günther)  
 Myers & Leviton, 1962(2): 288 (tax.)  
**AELUROSCALABATES** Boul., 1885  
 Underwood, 1957(1): 30.  
**AGALYCHNIS** Cope, 1865  
 Stuart, 1957(2): 91 (distrib. routes)  
 Goin, 1961(1): 62.  
**AGALYCHNIS CALCARIFER** Boul.,  
 1902  
 Goin, 1961(1): 52-53.  
**AGALYCHNIS CALLIDRYAS** (Cope, 1862)  
 Holman, 1963(3): 558.  
 Lynch, 1963(3): 567 (Ilia)  
**AGALYCHNIS DACNICOLOR** (Cope, 1864)  
 Holman, 1963(3): 558.  
 Lynch, 1963(3): 567 (Ilia)  
**AGALYCHNIS HELENAE** Cope, 1885  
 Lynch, 1963(3): 567 (Ilia)  
**AGALYCHNIS MORELETEI** (A. Dum.)  
 Stuart, 1957(2): 94 (distrib.)
- AGALYCHNIS MORELETEI (continued)**  
 Holman, 1963(3): 558.  
 Lynch, 1963(3): 567 (Ilia)  
**AGAMA** Daudin  
 Schmidt, 1964(3): 545 (Cochlea)  
**AGAMA ADRAMITANA** Anderson  
 Haas & Battersby, 1959(3): 202  
 (Arabia)  
**AGAMA AGAMA AFRICANA**  
 (Hallowell)—West African  
 lizard  
 Daniel, 1960(2): 94 (growth and  
 cyclic behavior)  
**AGAMA AGILIS** Olivier  
 Weber, 1960(2): 153 (Iraq)  
**AGAMA CAUCASICA** (Eichwald)  
 Weber, 1960(2): 153 (Iraq)  
**AGAMA FLAVIMACULATA** Rueppel  
 Haas & Battersby, 1959(3): 202  
 (Arabia)  
**AGAMA JAYAKARI** Anderson  
 Haas & Battersby, 1959(3): 202  
 (Arabia)  
**AGAMA PALLIDA** Reuss  
 Weber, 1960(2): 153 (Iraq)  
**AGAMA PERSICA** Blanford  
 Weber, 1960(2): 153 (Iraq)  
**AGAMA RUDERATA** Olivier  
 Weber, 1960(2): 153 (Iraq)  
**AGAMA SINAITA** Heyden  
 Haas & Battersby, 1959(3): 202  
 (Arabia)  
**AGAMA STELLIO** (Linn.)  
 Schmidt, 1964(3): 548 (Cochlea)  
**AGAMIDAE**  
 Schmidt, 1964(3): 545 (Cochlea)  
**AGKISHODON MOKASEN** (sphlam.)  
 Klauber, 1956(4): 258 (spelling)  
**AGKISTRODON** Stejn. & Barbour  
 Klauber, 1956(4): 258 (spelling -  
 should stand)  
 Betz, 1962(2): 285 (anesthesia)  
**AGKISTRODON BILINEATUS**  
 BILINEATUS Günther  
 Gloyd, 1956(4): 259 (Mexico)  
 Shaw, 1962(2): 438 (longevity-SDZ)  
**AGKISTRODON BILINEATUS TAY-**  
**LORI** Burger & Robertson,  
 1951  
 Gloyd, 1956(4): 259 (Mexico)  
**AGKISTRODON BLOMHOFFI**  
 BLOMHOFFI (Boie)  
 Alexander & Diener, 1958(3): 219  
 (Japan)  
**AGKISTRODON CONTORTRIX** L.  
 —Copperhead  
 Tinkler, 1962(2): 312.  
 Barbour, 1962(3): 640 (aggrega-  
 tion - Ky.)

**AGKISTRODON CONTORTRIX**

(continued)

Fitch, 1963(4): 650 (Kansas)

Murphy, 1964(1): 221 (eats  
boxturtle)**AGKISTRODON CONTORTRIX LATI-  
CINCTUS** (Gloyd & Conant)

Perkins, 1955(3): 262 (longevity-SDZ)

Shaw, 1957(1): 59 (longevity-SDZ)

Shaw, 1957(4): 310 (longevity-SDZ)

Shaw, 1958(3): 221 (longevity-SDZ)

Shaw, 1959(4): 337 (longevity)

Shaw, 1962(2): 438 (longevity-SDZ)

**AGKISTRODON CONTORTRIX MOKE-  
SON** (Daudin)

Perkins, 1955(3): 262 (longevity-SDZ)

Shaw, 1957(1): 50 (longevity-SDZ)

Barbour, 1962(3): 640 (aggregation-  
Ky.)**AGKISTRODON CONTORTRIX PICTI-  
GASTER** Gloyd & Conant

Shaw, 1962(2): 438 (longevity-SIZ)

**AGKISTRODON MOKASEN** (Daudin)

Betz, 1963(3): 575 (neonatal)

**AGKISTRODON PISCIVORUS** (Lac.)

—Cottonmouth.

Perkins, 1955(3): 262 (longevity-  
RMS)

Neill, 1957(1): 47 (Ga.)

Minton, 1957(4): 266.

Goodman, 1958(2): 149 (food-  
Tenn.)

Dowling, 1959(1): 45.

Betz, 1963(3): 575 (neonatal)

Murphy, 1964(1): 221 (eats turtles)

**AHALTULLA MODESTA** Günther,  
1872Hoyt, 1964(1): 214 (rediscovery -  
Guatemala)**AIGIALOSAURUS** Kramberger, 1892

Underwood, 1957(1): 25.

**AIPYSURUS** Lac., 1804.

Dowling, 1959(1): 49.

**ALLIGATOR** Cuvier—Alligators.Committee on Common Names,  
1956(3): 178

Underwood, 1957(1): 30.

Belkin, 1964(2): 329.

**ALLIGATOR MISSISSIPIENSIS**

Daudin, 1802

—American alligator.

Medem & Marx, 1955(1): (artif.  
key)Allen & Neill, 1956(2): 124  
(abnormal color)Committee on Common Names,  
1956(3): 178.Holman, 1959(2): 99 (Pleistocene -  
Fla.)**ALLIGATOR MISSISSIPIENSIS**

(continued)

Akers &amp; Damm, 1963(4): 629

(electrocardiograph)

**ALSOPHIS** Fitzinger

Lazell, 1964(4): 718.

**ALSOPHIS ANGULIFER** (Bibron)

—Cuban racer.

Hardy, 1957(1): 49 (feeding habits)

**ALSOPHYLAX (BUNOPUS) BLAN-**

FORDI Strauch

Haas & Battersby, 1959(3): 198  
(Arabia)**AMASTRIDIMUM** Cope

Dunn &amp; Dowling, 1957(4): 260.

**AMASTRIDIMUM SAPPERI** (Werner)

Martin, 1955(3): 173, 178.

(Tamaulipas, Mexico)

**AMBLYRHYNCHUS** Bell, 1825

Etheridge, 1964(4): 630 (skeleton)

**AMBLYRHYNCHUS CRISTATUS**

Bell, 1825 — Marine iguana.

Norris & Dawson, 1964(4): 638  
(adapt.)**AMBYSTOMA TSCHUDI** — Mole sala-  
manders.Committee on Common Names,  
1956(3): 173.Holman, 1959(1): 97 (Pleistocene -  
Fla.)

Holman, 1962(2): 255.

Parker &amp; Dunn, 1964(1): 84

(dentition)

Valentine & Dennis, 1964(1): 196  
(larvae)Valentine, 1964(3): 583 (gills and  
gill slits)**AMBYSTOMA AMBLYCEPHALUM**

Taylor, 1939, (1940)

Dixon, 1963(1): 101.

**AMBYSTOMA ANNULATUM** Cope

—Ringed salamander.

Committee on Common Names,  
1956(3): 173.Highton, 1957(2): 108 (costal  
grooves - trunk vertebrae)

Tihen &amp; Chantell, 1963(3): 510.

**AMBYSTOMA BOMBYPPELLUM**

Taylor

Dixon, 1963(1): 101.

**AMBYSTOMA CINGULATUM** Cope

—Flatwoods salamander.

Committee on Common Names,  
1956(3): 173.

Neill, 1957(1): 43 (Ga.)

Highton, 1957(2): 109 (costal  
grooves - trunk vertebrae)

Holman, 1959(2): 98.

Anderson, 1961(4): 374.

- AMBYSTOMA CINGULATUM** (continued)  
Holman, 1962(2): 255.
- AMBYSTOMA CINGULATUM BISHOPI**  
Goin—Reticulated flatwoods salamander.  
Committee on Common Names, 1956(3): 173.
- AMBYSTOMA CINGULATUM CINGULATUM** (Cope)  
—Frosted flatwoods salamander.  
Committee on Common Names, 1956(3): 173.
- AMBYSTOMA CONSPERSUM** Cope, 1889  
Neill, 1957(1): 43 (tax. - Amblystoma)
- AMBYSTOMA FLAVIPIPERATUM**  
Dixon  
Dixon, 1963(1): 99 (type: Jalisco, Mexico)
- AMBYSTOMA FLAVINATUM** Taylor, 1941  
Anderson, 1961(4): 375 (Mexico)
- AMBYSTOMA FUSCUM** Hallowell, 1858  
Uzzell, 1964(2): 292 (type)
- AMBYSTOMA GRACILE** (Baird)  
—Northwestern salamander.  
Snyder, 1956(1): 41 (life cycle)  
Highton, 1957(2): 109 (costal grooves - trunk vertebrae)  
Knudsen, 1960(1): 44 (courtship and egg mass)  
Anderson, 1961(4): 372.  
Burns, 1962(1): 180 (Wash.)  
Tihen & Chantell, 1963(3): 509.
- AMBYSTOMA GRACILE GRACILE** (Baird)—Brown salamander.  
Committee on Common Names, 1956(3): 173.
- AMBYSTOMA GRACILE DECORTICATUM** Cope  
—British Columbia salamander.  
Committee on Common Names, 1956(3): 173.
- AMBYSTOMA GRANULOSUM** Taylor  
Dixon, 1963(1): 101.
- AMBYSTOMA JEFFERSONIANUM**  
Green—Jefferson salamander.  
Carpenter, 1955(4): 311.  
Committee on Common Names, 1956(3): 173.  
Bleakney, 1957(2): 141 (egg-laying habits)  
Werner, 1959(2): 171 (Thousand Isl., N. Y.)  
Anderson, 1961(2): 133.  
Brandon, 1961(4): 377 (larvae)  
Tihen & Chantell, 1963(3): 509.
- AMBYSTOMA JEFFERSONIANUM** (continued)  
Valentine & Dennis, 1964(1): 196 (larvae)  
Uzzell, 1964(2): 257 (diploid - survey of complex)  
Davis & Twitty, 1964(4): 606.
- AMBYSTOMA LATERALE** Hallowell—Blue spotted salamander.  
Committee on Common Names, 1956(3): 173.  
Olson, 1956(3): 188 (Ill.)  
Brandon, 1961(4): 378.  
Holman, 1962(2): 255.  
Tihen & Chantell, 1963(3): 509.  
Uzzell, 1964(2): 257 (diploid)
- AMBYSTOMA MABEEI** Cope  
—Mabee's salamander.  
Committee on Common Names, 1956(3): 173.  
Neill, 1957(1): 43 (Ga. & S. C.)  
Highton, 1957(2): 109 (costal grooves - trunk vertebrae)  
Tihen & Chantell, 1963(3): 510.
- AMBYSTOMA MACRODACTYLUM**  
Baird—Long-toed salamander.  
Kezer & Farner, 1955(2): 127 (S. Oregon - life history)  
Committee on Common Names, 1956(3): 173.  
Highton, 1957(2): 109 (costal grooves - trunk vertebrae)  
Manville, 1957(4): 308 (Mont. - Glacier Nat. Pk.)  
Knudsen, 1960(1): 44 (courtship and egg mass)  
Anderson, 1961(4): 375.  
Holman, 1962(2): 255.  
Tihen & Chantell, 1963(3): 509.  
Hebard & Brunson, 1963(3): 570 (Mont.)  
Czopek, 1962(3): 576 (vascularization)  
Metter, 1964(1): 183.
- AMBYSTOMA MACRODACTYLUM CROCEUM** Russell & Anderson  
Anderson, 1961(2): 132 (courtship behavior)
- AMBYSTOMA MACULATUM** (Shaw)  
—Spotted salamander.  
Schwartz, 1955(2): 138 (N. C.)  
Martoff, 1955(3): 167 (Ga.)  
Reed, 1955(3): 253 (Conn.)  
Snyder, 1956(1): 42.  
Committee on Common Names, 1956(3): 173.  
Schwartz, 1957(2): 98 (S. C.)



**AMBYSTOMA MACULATUM**

(continued)

- Bleakney, 1957(2): 142 (egg-laying habits)  
 Werner, 1959(2): 171 (Thousand Isl., N. Y.)  
 Anderson, 1961(2): 132.  
 Anderson, 1961(4): 374.  
 Brandon, 1961(4): 377 (larvae).  
 Murphy, 1961(4): 496 (eggs eaten by caddisfly)  
 Holman, 1962(2): 255.  
 Tihen & Chantell, 1963(3): 509.  
 Bothner, 1963(3): 572 (N. Y.)  
 Valentine & Dennis, 1964(1): 196 (larvae)  
 Baldauf & Truett, 1964(1): 221 (Texas)

**AMBYSTOMA MINSHALLI**

- Tihen & Chantell, 1963  
 Tihen & Chantell, 1963(3): 509 (Pliocene, Nebraska)

**AMBYSTOMA OPACUM**

(Gravenhorst)—Marbled salamander.

- Martof, 1955(3): 166-167 (Ga.)  
 Committee on Common Names, 1956(3): 173.  
 Highton, 1957(2): 109 (costal grooves - trunk vertebrae)  
 Anderson, 1961(2): 132.  
 Brandon, 1961(4): 377 (larvae)  
 Ferguson, 1961(4): 392 (Miss.)  
 Holman, 1962(2): 255.  
 Czopek, 1962(3): 576 (vascularization)  
 Baldauf & Truett, 1964(1): 221 (Texas)

**AMBYSTOMA ORDINARIUM**

Taylor, 1939

- Dixon, 1963(1): 101.

**AMBYSTOMA PLATINEUM** Cope, 1867

- Uzzell, 1964(2): 257, 292 (triploid)

**AMBYSTOMA ROSACEUM** Taylor, 1941

- Anderson, 1961(4): 371 (life hist. & tax.-Mexico)  
 Dixon, 1963(1): 101.

**AMBYSTOMA ROSACEUM NIGRUM** Shannon, 1951

- Anderson, 1961(4): 371 (tax.-Mexico)

**AMBYSTOMA ROSACEUM SONORAENSIS** Shannon, 1951

- Anderson, 1961(4): 371 (tax.-Mexico)

**AMBYSTOMA SCHMIDTI** Taylor

Dixon, 1963(1): 101.

**AMBYSTOMA SUBSALSUM** Taylor

- Ruibal, 1959(4): 320 (Marine)  
 Dixon, 1963(1): 101.

**AMBYSTOMA TALPOIDEUM**

(Holbrook)—Mole salamander.

- Committee on Common Names, 1956(3): 173.  
 Highton, 1957(2): 109 (costal grooves - trunk vertebrae)  
 Holman, 1959(2): 98.  
 Holman, 1962(2): 255.  
 Volpe & Shoop, 1963(2): 444 (larvae)  
 Baldauf & Truett, 1964(1): 221 (Texas)

**AMBYSTOMA TEXANUM** (Matthes)

—Small mouthed salamander.

- Committee on Common Names, 1956(3): 173.  
 Neill, 1957(1): 47 (Ga. - introd.)  
 Highton, 1957(2): 109 (costal grooves - trunk vertebrae)  
 Carpenter, 1957(4): 280 (Okla.)  
 Holman, 1959(2): 98.  
 Brandon, 1961(4): 377 (larvae)  
 Holman, 1962(2): 255.

**AMBYSTOMA TIGRINUM** (Green)

—Tiger salamander.

- Committee on Common Names, 1956(3): 173.  
 Smith, 1958(3): 179 (Pleistocene - Kansas)  
 Hunsaker & Johnson, 1959(4): 313 (Pigm.)  
 Cook, 1960(4): 363 (Saskatchewan)  
 Thornton, 1960(4): 371 (Regen. of sensory limbs)  
 Anderson, 1961(2): 133.  
 Holman, 1962(2): 255.

**AMBYSTOMA TIGRINUM CALI-****FORNIENSE** Gray

—California tiger salamander.

- Committee on Common Names, 1956(3): 173.

**AMBYSTOMA TIGRINUM DIABOLI**

Dunn — Gray tiger salamander.

- Committee on Common Names, 1956(3): 173.

**AMBYSTOMA TIGRINUM MAVORTIUM** Baird — Barred tiger

salamander.

- Committee on Common Names, 1956(3): 173.

- AMBYSTOMA TIGRINUM MEL-  
ANOSTICTUM** (Baird)  
 —Blotched tiger salamander.  
 Carpenter, 1955(4): 311 (aposematic  
 behavior)  
 Committee on Common Names,  
 1956(3): 173.  
 Manville, 1957(4): 309 (Mont.-  
 Glacier Nat. Pk.)  
 Thornton, 1960(4): 372 (regen. of  
 asensory limbs)
- AMBYSTOMA TIGRINUM NEBU-  
LOSUM** Hallowell—Arizona  
 tiger salamander.  
 Levi & Levi, 1955(4): 309 (Col-  
 orado, neotenic)  
 Committee on Common Names,  
 1956(3): 173.
- AMBYSTOMA TIGRINUM STEB-  
BINSI** Lowe, 1954  
 —Sonora tiger salamander.  
 Committee on Common Names,  
 1956(3): 173.  
 Anderson, 1961(4): 376  
 (S. Arizona)
- AMBYSTOMA TIGRINUM  
TIGRINUM** (Green)  
 —Eastern tiger salamander.  
 Rosine, 1955(2): 136 (polydac-  
 tylism)  
 Martof, 1955(3): 166 (Ga.)  
 Snyder, 1956(1): 42.  
 Committee on Common Names,  
 1956(3): 173.  
 Olson, 1956(3): 189 (Ill.)  
 Neill, 1957(1): 46 (Ga.)  
 Highton, 1957(2): 109 (costal  
 grooves - trunk vertebrae)  
 Holman, 1959(2): 98.  
 Anderson, 1961(4): 374.  
 Brandon, 1961(4): 377 (larvae)  
 Dixon, 1963(1): 101.  
 Valentine & Dennis, 1964(1):  
 197 (larvae)
- AMBYSTOMA TIGRINUM  
UTAHENSE** Lowe  
 —Utah tiger salamander.  
 Committee on Common Names,  
 1956(3): 173.
- AMBYSTOMA TREMBLAYI**  
 Comeau, 1943  
 Uzzell, 1964(2): 257, 293 (triploid)
- AMBYSTOMATIDAE**  
 Holman, 1962(2): 255.  
 Parker & Dunn, 1964(1): 84.  
 Valentine, 1964(3): 583 (gills and  
 gill slits)
- AMEIVA** Meyer  
 Lazell, 1964(4): 718.
- AMEIVA CORVINA** Cope  
 Lazell, 1964(4): 716 (Sombbrero,  
 W.I.)
- AMEIVA FESTIVA** (Lichtenst.)  
 Stuart, 1957(2): 92 (distrib.)
- AMEIVA LACERTOIDES** (Dum. &  
 Bibr.)  
 Milstead, 1961(4): 493 (syn.)
- AMEIVA UNDULATA** (Wieg.)  
 Stuart, 1957(2): 92 (distrib.)  
 Beargie & McCoy, 1964(3): 569.
- AMPHIBOLURUS** Wagler  
 Betz, 1962(2): 284 (effect of sur-  
 gical anesthesia)  
 Betz, 1963(4): 692 (ovarian  
 morphol.)
- AMPHIBOLURUS BARBATUS** (Cuvier)  
 —Bearded dragon.  
 Lee & Badham, 1963(2): 387  
 (body temp., activity and  
 behavior)
- AMPHISBAENA L.**  
 Underwood, 1957(1): 28.
- AMPHISBAENA ALBA** Linn.  
 Gans, 1962(1): 166.
- AMPHISBAENA CAECA** Cuv.  
 Gans, 1963(1): 102.
- AMPHISBAENA LEESERI** Gans, 1964  
 Gans, 1964(3): 553-554 (Brazil,  
 Paraguay)
- AMPHISBAENA NEGLECTA**  
 Dunn & Piatt, 1936  
 Gans, 1962(1): 164, 169 (re-  
 definition & descr. - Brazil)  
 Gans, 1964(3): 554.
- AMPHISBAENA RIDLEYI** Boul.  
 Gans, 1963(1): 102. (redescription)
- AMPHISBAENA SILVESTRII**  
 Boul., 1902  
 Gans, 1962(1): 164, 167 (redefini-  
 tion & descr. - Brazil)  
 Gans, 1964(3): 553 (new records)
- AMPHISBAENIDAE**  
 Underwood, 1952(1): 24, 28.  
 Schmidt, 1964(3): 545 (Cochlea)
- AMPHIUMA** Garden—Amphiumas  
 Valentine, 1964(3): 583 (gills and  
 gill slits)
- AMPHIUMA MEANS MEANS** Garden  
 —Two-toed amphiuma.  
 Committee on Common Names,  
 1956(3): 173.  
 Huheey, 1959(4): 309.  
 Czopek, 1962(3): 576 (vasculari-  
 zation)

- AMPHIUMA MEANS TRIDACTYLUM**  
Cuv. — Three-toed Amphiuma.  
Committee on Common Names,  
1956(3): 173.
- AMPHIUMIDAE**  
Valentine, 1964(3): 583 (gills and  
gill slits)
- AMYDA FEROX** (Schneider)  
Holman, 1959(2): 101 (Pleistocene  
- Fla.)
- ANCISTRODON** Baird, 1854  
— Copperheads and cottonmouths.  
Committee on Common Names,  
1956(3): 181.  
Klauber, 1956(4): 258 (spelling)
- ANCISTRODON CONTORTRIX**  
(Linn.) — Copperhead  
Karlstrom & Cook, 1955(1): 57  
(anesthesia)  
Committee on Common Names,  
1956(3): 181.  
Russell & Emery, 1959(1): 73  
(zootoxiology - chicks)  
Ferguson, 1961(4): 394 (Miss.)
- ANCISTRODON CONTORTRIX CON-**  
**TORTRIX** (Linn.)  
— Southern copperhead.  
Committee on Common Names,  
1956(3): 181.
- ANCISTRODON CONTORTRIX**  
**LATICINCTUS** Gloyd &  
Conant — Broad-banded  
copperhead  
Committee on Common Names,  
1956(3): 181.
- ANCISTRODON CONTORTRIX**  
**MOKESON** Daudin  
— Northern copperhead.  
Committee on Common Names,  
1956(3): 181.  
Holman, 1960(1): 58 (Indiana)  
Ferguson, 1961(4): 394 (Miss.)
- ANCISTRODON CONTORTRIX**  
**PICTIGASTER** Gloyd &  
Conant — Trans-Pecos cop-  
perhead  
Committee on Common Names,  
1956(3): 181.
- ANCISTRODON PISCIVORUS** (Lac.)  
— Cottonmouth  
Committee on Common Names,  
1956(3): 181.  
Holman, 1958(4): 278 (Pleistocene  
- Fla.)  
Russell & Emery, 1959(1): 73  
(zootoxicology - chicks)  
Holman, 1959(2): 100 (Pleistocene  
- Fla.)
- ANCISTRODON PISCIVORUS LEU-**  
**COSTOMA** (Troost)  
— Western cottonmouth.  
Committee on Common Names,  
1956(3): 181.  
Baldauf, 1957(3): 229 (Texas)
- ANCISTRODON PISCIVORUS**  
**PISCIVORUS** (Lac.)  
— Eastern cottonmouth.  
Committee on Common Names,  
1956(3): 181.
- ANEIDES** Baird — Climbing sala-  
mander.  
Committee on Common Names,  
1956(3): 173.  
Anderson, 1958(3): 221.  
Highton, 1962(3): 601.
- ANEIDES AEENEUS** Cope & Packard  
— Green salamander.  
Committee on Common Names,  
1956(3): 173.  
Schwartz, 1957(2): 98 (S.C.)  
Williams & Gordon, 1961(3): 353  
(natural dispersal - Ky.)  
Ferguson, 1961(4): 393 (Miss.)
- ANEIDES FERRENS** Cope  
— Clouded salamander.  
Committee on Common Names,  
1956(3): 173.  
Burns, 1962(1): 181 (Oregon &  
Brit. Col.)
- ANEIDES FLAVIPUNCTATUS**  
**FLAVIPUNCTATUS** (Straunch)  
— Speckled black salamander.  
Committee on Common Names,  
1956(3): 173.  
Highton, 1957(2): 108 (costal  
grooves - trunk vertebrae)
- ANEIDES FLAVIPUNCTATUS NIGER**  
Myers & Maslin — Santa Cruz  
black salamander.  
Committee on Common Names,  
1956(3): 173.
- ANEIDES HARDYI** (Taylor)  
— Sacramento Mt. salamander.  
Committee on Common Names,  
1956(3): 173.  
Highton, 1957(2): 108 (costal  
grooves - trunk vertebrae)
- ANEIDES LUGUBRIS** (Hallowell)  
— Arboreal salamander.  
Committee on Common Names,  
1956(3): 173.  
Highton, 1957(2): 108 (costal  
grooves - trunk vertebrae)  
Hunsaker & Johnson, 1959(4): 313  
(pigm.)

- ANEIDES LUGUBRIS FARALLONENSIS**  
 Van Denburgh, 1895—Farallon  
 Island salamander.  
 Committee on Common Names,  
 1956(3): 173.
- ANEIDES LUGUBRIS LUGUBRIS**  
 (Hallowell)—Oak salamander.  
 Committee on Common Names,  
 1956(3): 173.
- ANGUIDAE**  
 Schmidt, 1964(3): 545 (Cochlea)
- ANGUINIDAE**  
 Underwood, 1957(1): 20 (systematics)
- ANGUIS** Linn.  
 Underwood, 1957(1): 22.  
 Betz, 1963(4): 692 (ovarian morphol.)
- ANGUIS FRAGILIS** Linn.  
 Underwood, 1957(1): 27.
- ANHYDROPHRYNE** Hewitt  
 Alcala, 1962(4): 722.
- ANILIDAE**  
 Dowling, 1959(1): 40 (classification)
- ANILIUS** Oken  
 Dowling, 1959(1): 41.
- ANILIUS SCYTALE** (Linn.)  
 Emsley, 1963(3): 577.
- ANISOLEPIS** Boul., 1885  
 Etheridge, 1964(4): 629.
- ANNIELLA** Gray, 1852  
 —Legless lizards.  
 Committee on Common Names,  
 1956(3): 178.  
 Underwood, 1957(1): 22.
- ANNIELLA GERONIMENSIS** Shaw  
 Gorman, 1957(2): 150 (Calif.)
- ANNIELLA PULCHRA** Gray, 1852  
 —California legless lizard.  
 Committee on Common Names,  
 1956(3): 178.
- ANNIELLA PULCHRA NIGRA** (Fischer)  
 —Black legless lizard.  
 Committee on Common Names,  
 1956(3): 178.  
 Gorman, 1957(2): 150 (Calif.)
- ANNIELLA PULCHRA PULCHRA** Gray  
 —Silvery legless lizard.  
 Committee on Common Names,  
 1956(3): 178.  
 Gorman, 1957(2): 148 (recent Calif.  
 records)
- Hunsaker & Johnson, 1959(4): 313  
 (Pigm.)
- ANOLIS** Daudin—Anoles  
 Committee on Common Names,  
 1956(3): 178.  
 Stuart, 1957(2): 92 (distrib.)  
 Hairston, 1957(4): 263.
- ANOLIS** (continued)  
 Highton, 1961(1): 69.  
 Rand, 1961(4): 411.  
 Collette, 1962(3): 644.  
 Etheridge, 1964(4): 628.
- ANOLIS BARKERI** Schmidt  
 Robinson, 1962(3): 640 (Mexico)
- ANOLIS BIMACULATUS** Sparrman  
 Lazell, 1964(4): 717.
- ANOLIS CAROLINENSIS** Voigt  
 —Green anole, Carolina anole.  
 Hecht, Walters & Ramm, 1955(3):  
 251.  
 Hebard & Charipper, 1955(4): 306  
 (Phylogeny)  
 Committee on Common Names,  
 1956(3): 178.  
 Rahn, 1956(4): 214 (Physiology)  
 Fox, 1958(1): 22 (Sex cycle)  
 Wilhoft, 1958(4): 268.  
 Holman, 1958(4): 278 (Pleistocene-  
 Fla.)
- Gunter, 1958(4): 336 (Sarcophagid  
 fly larva parasitism)
- Holman, 1959(2): 99 (Pleistocene-  
 Fla.)
- Telford, 1959(2): 111 (Fla.)
- Hunsaker & Johnson, 1959(4): 313  
 (Pigments)
- Meyerriecks, 1960(1): 60 (Threat-  
 ens wasp)
- Daniel, 1960(2): 94.
- Ferguson, 1961(4): 393 (Miss.)
- Mayhew, 1963(1): 146 (Reproduc-  
 tion)
- Schmidt, 1964(3): 545 (Cochlea)
- Burghardt, 1964(3): 576 (Prey size  
 & feeding behavior)
- Pandha & Thapliyal, 1964(3): 579.
- ANOLIS DISTICHUS** Cope, 1861  
 —Bahaman bark anole  
 Committee on Common Names,  
 1956(3): 178.
- ANOLIS EQUESTRI** Merrem  
 Wilson, 1957(2): 145.
- ANOLIS GINGIVINUS** Cope  
 Lazell, 1964(4): 717 (Sombrero,  
 W.I.)
- ANOLIS HOMOLECHIS** (Boul.)  
 Lee & Badham, 1963(2): 394.
- ANOLIS NEBULOSUS** (Wieg.)  
 Duellman, 1958(1): 49 (Mex.)
- ANOLIS SAGREI** Dum. & Bibr.  
 Committee on Common Names,  
 1956(3): 178.  
 Burghardt, 1964(3): 578.

- ANOLIS SAGREI ORDINATUS (Cope)  
—Bahaman brown anole.  
Committee on Common Names,  
1956(3): 178.
- ANOLIS SAGREI SAGREI (Oliver)  
—Cuban brown anole.  
Committee on Common Names,  
1956(3): 178.
- ANOLIS SAGREI STEJNEGERI Barbour  
—Key West anole.  
Committee on Common Names,  
1956(3): 178.
- ANOLIS TRINITATIS Reinh. & Lütke,  
1862.  
Emsley, 1963(3): 578.
- ANOMALEPIS Jan, 1861.  
Underwood, 1957(1): 26.
- ANOMALOCILUS van Lidth de Jeude,  
1890.  
Underwood, 1957(1): 30.  
Dowling, 1959(1): 46.
- ANOTHECA Smith  
Starrett, 1960(4): 300.
- ANOTHECA CORONATA (Stejneger)  
Starrett, 1960(4): 304.  
Robinson, 1961(4): 495 (tadpole -  
Mexico)  
Lynch, 1963(3): 567 (Ilia)
- ANSONIA Stoliczka, 1870.  
Tihen, 1960(3): 227.
- ANSONIA MUELLERI (Peters)  
Tihen, 1960(3): 226 (Africa)  
Alcala, 1962(4): 680 (tadpole)
- APARASPHENODON BRUNOI Mir.-Rib.  
Duellman & Klaas, 1964(2): 314.
- APRASIA REPENS Fry  
Underwood, 1957(1): 28.  
Dixon & Kluge, 1964(1): 180.  
(Australia)
- APTYCHOLAEMUS Boul., 1891  
Etheridge, 1964(4): 629.
- ARCHILON Wieland, 1896  
McNulty & Slaughter, 1964(2): 454.  
(Upper Cret. - Texas)
- ARISTELLIGER Cope  
Underwood, 1957(1): 28.  
Feuer, 1959(3): 263.  
Collette, 1962(3): 644.
- ARIZONA Kennicott, 1895  
—Glossy snakes.  
Committee on Common Names,  
1956(3): 181.  
Cowles, 1956(4): 212 (sidewinding)  
Dowling, 1958(1): 30, 39.
- ARIZONA ELEGANS Kennicott, 1859  
—Glossy snake.  
Committee on Common Names,  
1956(3): 181.
- ARIZONA ELEGANS (continued)  
Zweifel, 1962(4): 761.
- ARIZONA ELEGANS BLANCHARDI  
Klauber, 1946  
—Kansas glossy snake.  
Committee on Common Names,  
1956(3): 181.
- ARIZONA ELEGANS CANDIDA  
Klauber—Mojave glossy snake.  
Committee on Common Names,  
1956(3): 181.
- ARIZONA ELEGANS EBURNATA  
Klauber—Desert glossy snake.  
Committee on Common Names,  
1956(3): 181.
- ARIZONA ELEGANS ELEGANS  
Kennicott—Texas glossy snake.  
Committee on Common Names,  
1956(3): 181.
- ARIZONA ELEGANS NOCTIVAGA  
Klauber, 1946—Arizona  
glossy snake.  
Committee on Common Names,  
1956(3): 181.
- ARIZONA ELEGANS ACCIDENTALIS  
Blanchard, 1924  
—California glossy snake.  
Committee on Common Names,  
1956(3): 181.
- ARIZONA ELEGANS PHILIPPI  
Klauber—Painted Desert  
glossy snake.  
Committee on Common Names,  
1956(3): 181.
- ARTHROLEPTELLA Deckert  
Alcala, 1962(4): 722.
- ARTHROLEPTIS Peters  
Inger, 1962(4): 836 (terrestrial  
origin)
- ASCAPHIDAE  
Alcala, 1962(4): 724.  
Inger, 1962(4): 836 (terrestrial  
origin)
- ASCAPHUS Stejn. —Tailed frogs.  
Committee on Common Names,  
1956(3): 176.  
Alcala, 1962(4): 712.  
Metter, 1964(4): 710 (breeding &  
sperm retention)
- ASCAPHUS TRUEI Stejneger  
—Tailed frog.  
Committee on Common Names,  
1956(3): 176.  
Svihla, 1959(1): 72 (meth. coll.  
tadpoles)  
Corbit, 1960(3): 240 (Idaho)  
Metter, 1963(2): 435.

- ASCAPHUS TRUEI (continued)  
Metter, 1964(1): 181 (morph. & ecology)
- ASCAPHUS TRUEI CALIFORNICUS  
Mittleman & Myers, 1949  
— California tailed frog.  
Committee on Common Names, 1956(3): 176.
- ASCAPHUS TRUEI MONTANUS  
Mittleman & Myers  
— Rocky Mountain tailed frog.  
Committee on Common Names, 1956(3): 176.  
Manville, 1957(4): 308 (Mont. - Glacier Nat. Pk.)
- ASCAPHUS TRUEI TRUEI Stejn., 1899—Olympic tailed frog.  
Committee on Common Names, 1956(3): 176.
- ASPIS Laur.  
Cowles, 1956(4): 213 (sidewinding - N. Afr.)
- ASPIS CERASTES Linnaeus  
Shaw, 1958(3): 221 (longevity-SDZ)  
Haas & Battersby, 1959(3): 202 (Arabia)  
Shaw, 1959(4): 337 (longevity-SDZ)  
Shaw, 1962(2): 438 (longevity-SDZ)
- ASTEROPHRYDIDAE Günther, 1858  
Myers & Leviton, 1962(2): 290.
- ASTYLOSTERNUS ROBUSTUS (Boulenger)  
Czopek, 1959(2): 94 (capillaries)
- ATELOPUS Dum. & Bibr., 1841  
Stuart, 1957(2): 93 (distrib.)  
Tihen, 1960(3): 227.
- ATLAPETES APERTUS Wetmore, 1943  
Fraser, 1964(3): 573 (Mexico)
- ATRETUM SCHISTOSUM Cope, 1861  
Underwood, 1957(1): 25.
- B**
- BARBOURULA BUSUANGENSIS  
Taylor & Noble  
Alcala, 1962(4): 724 (Philip. Isl.)
- BARISIA Gray (BARISSIA)  
Stuart, 1957(2): 91 (distrib. routes)
- BASILISCUS Laur.  
Stuart, 1957(2): 91 (distrib. routes)  
Etheridge, 1964(4): 624 (skeleton)
- BATHYSIREDON Dunn  
Zweifel, 1957(2): 78 (Mexico)
- BATHYSIREDON (continued)  
Valentine & Dennis, 1964(1): 199.  
Valentine, 1964(3): 583 (gills and gill slits)
- BATRACHOSEPS Bonaparte  
— Slender salamanders.  
Committee on Common Names, 1956(3): 173.  
Uzzell, 1961(1): 82.  
Burns, 1962(1): 180.  
Highton, 1962(3): 601.
- BATRACHOSEPS ATTENUATUS (Eschscholtz)  
— California slender salamander.  
Committee on Common Names, 1956(3): 173.  
Highton, 1957(2): 108 (costal grooves - trunk vertebrae)  
Anderson, 1958(3): 221 (inducted oviposition & egg incubation)  
Grant, 1958(3): 222 (irruption of young)  
Uzzell, 1961(1): 82-85 (calcification)
- BATRACHOSEPS ATTENUATUS ATTENUATUS (Eschscholtz)  
— Northern slender salamander.  
Committee on Common Names, 1956(3): 174.
- BATRACHOSEPS ATTENUATUS LEUCOPUS (Dunn)  
— Southern slender salamander.  
Committee on Common Names, 1956(3): 174.
- BATRACHOSEPS PACIFICUS (Cope)  
— Pacific slender salamander.  
Committee on Common Names, 1956(3): 174.  
Highton, 1957(2): 108 (costal grooves - trunk vertebrae)
- BATRACHOSEPS PACIFICUS CATALINAE (Dunn)  
— Santa Catalina slender salamander.  
Committee on Common Names, 1956(3): 174.
- BATRACHOSEPS PACIFICUS MAJOR (Camp)  
— Garden slender salamander.  
Committee on Common Names, 1956(3): 174.
- BATRACHOSEPS PACIFICUS PACIFICUS (Cope)  
— Channel Islands slender salamanders.  
Committee on Common Names, 1956(3): 174.



- BATRACHOSEPS WRIGHTI** Bishop  
—Oregon slender salamander.  
Committee on Common Names,  
1956(3): 174.  
Burns, 1962(1): 180 (Oregon)
- BATRACHUPERUS** Boul.  
Valentine and Dennis, 1964(1): 199.
- BATRACHYLA** Bell, 1843  
Myers, 1962(1): 197 (tax.)
- BATRACHYLA LEPTOPUS** Bell, 1843  
Myers, 1962(1): 197 (tax.)
- BATRACHYLA LONGIPES** Baird, 1859  
Myers, 1962(1): 197 (type of *Epirhexis*)
- BATRACHYLUS LONGIPES** Baird, 1859  
Lynch, 1963(3): 580 (status-Mexico)
- BIPIES BIPORUS** (Cope)  
—Ajolote, Belding's mole lizard.  
Shaw, 1962(3): 644 (Baja Calif., Mex.)
- BITIS** Gray  
Gans and Richmond, 1957(4): 273.
- BITIS ARIETANS** (Merrem)  
Keegan et al, 1962(2): 315 (venom)  
Shaw, 1962(2): 438 (longevity - SDZ)
- BITIS CAUDALIS** (Smith)  
Cowles, 1956(4): 213 (sidewinding - S. Afr.)
- BITIS CORNUTA** (Linn.)  
Cowles, 1956(4): 213 (sidewinding - S. Afr.)
- BITIS GABONICA GABONICA** (Dum. and Bibr.)—Gabon viper  
Shaw, 1962(2): 438 (longevity - SDZ)
- BITIS NASICORNIS** (Shaw)—Rhinoceros viper  
Keegan et al, 1962(2): 314 (venom)
- BLEEDING SNAKES**  
Sooter, 1955(3): 254, (cardiac puncture)
- BOA CONSTRICTOR CONSTRICTOR** Linn.  
Perkins, 1955(3): 262 (longevity - PZ)
- BOA CONSTRICTOR IMPERATOR** (Daudin)  
Perkins, 1955(3): 262 (longevity - SDZ)  
Shaw, 1957(1): 50 (longevity - SDZ)  
Shaw, 1957(4): 310 (longevity - SDZ)
- BOA CONSTRICTOR IMPERATOR**  
× **B. C. CONSTRICTOR**  
Shaw, 1962(2): 438 (longevity - SIZ)
- BOA DIVINOLOQUA** Laurenti  
Emsley, 1963(3): 577.
- BOIDAE**  
Underwood, 1957(1): 28  
Dowling, 1959(1): 40 (classification)  
Holman, 1964(4): 632 (Foss. - Nebr.)
- BOIGA FITZINGER**  
Betz, 1962(2): 284 (effects of surgical anesthesia)
- BOIGA DENDROPHILA** (Boul.)  
Perkins, 1955(3): 262 (longevity - SLZ)
- BOLITOGLOSSA** Dum., Bibr. and Dum., 1854.  
Stuart, 1957(2): 91 (distrib. routes)  
Wake and Brame, 1963(2): 382 (tax.)
- BOLITOGLOSSA ADSPERSA** (Peters, 1863)  
Brame and Wake, 1962(1): 172 (Colombia)  
Wake and Brame, 1963(2): 386 (Colombia)
- BOLITOGLOSSA AHLI** Unterstein, 1930.  
Wake and Brame, 1963(2): 386 (= lignicolor)
- BOLITOGLOSSA ALTAMAZONICA** (Cope, 1874)  
Brame and Wake, 1962(1): 170 (S. Amer.)  
Wake and Brame, 1963(2): 386 (Brazil, Bolivia, Colombia, Peru).
- BOLITOGLOSSA ALVARADOI** Taylor, 1954.  
Wake and Brame, 1963(2): 386 (Costa Rica)
- BOLITOGLOSSA ANDICOLA** Posada Arango, 1909.  
Brame and Wake, 1962(1): 177 (Colombia)  
Wake and Brame, 1963(2): 386 (= adspersa)
- BOLITOGLOSSA ARBORESCANDENS** Taylor, 1954.  
Wake and Brame, 1963(2): 386 (Costa Rica)
- BOLITOGLOSSA ATTITLANENSIS** Brocchi, 1883.  
Wake and Brame, 1963(2): 386 (=salvinii)
- BOLITOGLOSSA BISERIATA** Tanner, 1962.  
Wake and Brame, 1963(2): 386 (Panama)
- BOLITOGLOSSA BOCOURTI** Brocchi, 1883.  
Wake and Brame, 1963(2): 386 (= rostrata)
- BOLITOGLOSSA BOBURATA** Trapido, 1942.  
Brame and Wake, 1962(1): 173 (Venezuela)  
Wake and Brame, 1963(2): 386 (Venezuela)

- BOLITOGLOSSA BREVIPES** (Bumzahem and Smith, 1955).  
Wake and Brame, 1963(2): 386 (Mexico)
- BOLITOGLOSSA CARBONARIUS** Cope, 1860.  
Wake and Brame, 1963(2): 386 (= platydactyla)
- BOLITOGLOSSA CERROENSIS** (Taylor, 1952)  
Wake and Brame, 1963(2): 382 (Costa Rica)
- BOLITOGLOSSA COLONNEA** (Dunn, 1924).  
Brame and Wake, 1962(1): 176.  
Wake and Brame, 1963(2): 386 (Costa Rica, Panama)
- BOLITOGLOSSA COPEI** Brocchi, 1883.  
Wake and Brame, 1963(2): 386 (= mexicana mulleri).
- BOLITOGLOSSA CUCHUMATANA** (Stuart, 1943)  
Wake and Brame, 1963(2): 386 (Guatemala)
- BOLITOGLOSSA DOFLEINI** (Werner, 1903).  
Wake and Brame, 1963(2): 386 (Guatemala)
- BOLITOGLOSSA DUNNI** (Schmidt, 1933).  
Wake and Brame, 1963(2): 386 (Honduras)
- BOLITOGLOSSA ENGELHARDTI** (Schmidt, 1963).  
Wake and Brame, 1963(2): 386 (Guatemala, El Salvador)
- BOLITOGLOSSA ESTHERI** Miranda Ribeiro, 1937.  
Wake and Brame 1963(2): 368 (= altamazonica)
- BOLITOGLOSSA FLAVIMEMBRIS** (Schmidt, 1936)  
Wake and Brame, 1963(2): 368 (Guatemala)
- BOLITOGLOSSA FLAVIVENTRIS** (Schmidt, 1936).  
Wake and Brame, 1963(2): 386 (Mexico)
- BOLITOGLOSSA FRANKLINI** (Schmidt, 1936)  
Wake and Brame, 1963(2): 386 (Guatemala)
- BOLITOGLOSSA HELMRICHI** (Schmidt, 1936)  
Wake and Brame, 1963(2): 386 (Guatemala)
- BOLITOGLOSSA HYPACRA** (Brame and Wake, 1962)  
Wake and Brame, 1963(2): 386 (Colombia)
- BOLITOGLOSSA LIGNICOLOR** (Peters, 1873)  
Brame and Wake, 1962(1): 177 (Cent. Amer.)  
Wake and Brame, 1963(2): 386 (Costa Rica, Panama)\*
- BOLITOGLOSSA LINCOLNI** (Stuart, 1943)  
Wake and Brame, 1963(2): 386 (Guatemala)
- BOLITOGLOSSA MACRINI** (Lafrentz, 1930).  
Wake and Brame, 1963(2): 386 (Mexico)
- BOLITOGLOSSA MARMOREA** (Tanner and Brame, 1961).  
Wake and Brame, 1963(2): 386 (Panama)
- BOLITOGLOSSA MEXICANA** Dum., Bibr. and Dum., 1854.  
Wake and Brame, 1963(2): 386 (Brit. Honduras, Guatemala, Honduras, Mexico)
- BOLITOGLOSSA MEXICANA MEXICANA** Dum., Bibr. and Dum., 1854.  
Wake and Brame, 1963(2): 386.
- BOLITOGLOSSA MORELETI** Smith, 1945.  
Wake and Brame, 1963(2): (= mexicana mexicana)
- BOLITOGLOSSA MULLERI** (Brocchi, 1883)  
Wake and Brame, 1963(2): 386 (Guatemala = mexicana mulleri)
- BOLITOGLOSSA MORIO** (Cope, 1869)  
Wake and Brame, 1963(2): 386 (Guatemala)
- BOLITOGLOSSA NIGRESCENS** (Taylor, 1949).  
Wake and Brame, 1963(2): 386 (Costa Rica)
- BOLITOGLOSSA NIGROFLAVESCENS** Taylor, 1941.  
Wake and Brame, 1963(2): 386 (Mexico)
- BOLITOGLOSSA OCCIDENTALIS** Taylor, 1941.  
Wake and Brame, 1963(2): 386 (Guatemala, Mexico)

- BOLITOGLOSSA ODONELLI** (Stuart, 1943).  
Wake and Brame, 1963(2): 386  
(= mexicana odonelli - Guatemala)
- BOLITOGLOSSA OMNIUMSANCTORUM** (Stuart, 1952)  
Wake and Brame, 1963(2): 368  
(Guatemala)
- BOLITOGLOSSA ORESTES** Brame and Wake, 1962.  
Brame and Wake, 1962(1): 171  
(Venezuela)  
Wake and Brame, 1963(2): 386  
(Venezuela)
- BOLITOGLOSSA PALMATA** (Werner, 1897).  
Brame and Wake, 1962(1): 170-173  
(Redescript - Ecuador)  
Wake and Brame, 1963(2): 386  
(Ecuador)
- BOLITOGLOSSUM PALUSTRIS** Taylor, 1949.  
Wake and Brame, 1963(2): 386  
(= lignicolor)
- BOLITOGLOSSA PARAENSIS** Unterstein, 1930.  
Brame and Wake, 1962(1): 177 (Brazil)  
Wake and Brame, 1963(2): 386 (= alta-mazonica)
- BOLITOGLOSSA PERUVIANA** (Boulenger, 1883)  
Brame and Wake, 1962(1): 177 (Peru)  
Wake and Brame, 1963(2): 386 (Peru)
- BOLITOGLOSSA PESRUBRA** Taylor, 1952.  
Wake and Brame, 1963(2): 386 (= sub-palmata)
- BOLITOGLOSSA PHALAROSOMA**  
Wake and Brame, 1962.  
Wake and Brame, 1963(2): 386  
(Colombia)
- BOLITOGLOSSA PLATYDACTYLA** (Gray, 1831)  
Wake and Brame, 1963(2): 386 (Mexico)
- BOLITOGLOSSA PUNCTATUM** Brocchi, 1883.  
Wake and Brame, 1963(2): 386 (= platy-dactyla)
- BOLITOGLOSSA ROBUSTA** (Cope, 1894).  
Wake and Brame, 1963(2): 386 (Costa Rica, Panama)
- BOLITOGLOSSA ROSTRATA** (Brocchi, 1883).  
Wake and Brame, 1963(2): 386  
(Guatemala)
- BOLITOGLOSSA RUFESCENS** (Cope, 1869)  
Uzzell, 1961(1): 85 (Calcification)
- BOLITOGLOSSA RUFESCENS** (continued)  
Wake and Brame, 1963(2): 386  
(Guatemala, Honduras, Mexico)
- BOLITOGLOSSA SALVINII** (Gray, 1869).  
Wake and Brame, 1963(2): 386  
(Guatemala, Mexico)
- BOLITOGLOSSA SCHMIDTI** (Dunn, 1924).  
Wake and Brame, 1963(2): 386  
(Honduras)
- BOLITOGLOSSA SIMA** (Vaillant, 1911).  
Wake and Brame, 1963(2): 386  
(Ecuador)
- BOLITOGLOSSA STRIATULA** (Noble, 1918)  
Uzzell, 1961(1): 85 (calcification)  
Wake and Brame, 1963(2): 386  
(Costa Rica, Honduras, Nicaragua)
- BOLITOGLOSSA SUBPALMATA** (Boulenger, 1896)  
Wake and Brame, 1963(2): 386  
(Costa Rica, Panama)
- BOLITOGLOSSA TOGATA** Dum., Bibr. and Dum., 1854.  
Wake and Brame, 1963(2): 386  
(= platydactyla)
- BOLITOGLOSSA TORRESI** Taylor, 1952.  
Wake and Brame, 1963(2): 386  
(= subpalmata)
- BOLITOGLOSSA VARIEGATA** Gray, 1831.  
Wake and Brame, 1963(2): 386  
(= platydactyla)
- BOLITOGLOSSA VERACRUCIS** Taylor, 1951.  
Wake and Brame, 1963(2): 386  
(Mexico)
- BOLITOGLOSSA YUCATANA** (Peters, 1882).  
Wake and Brame, 1963(2): 386  
(Mexico)
- BOLYERIA** Gray  
Dowling, 1959(1): 44.
- BOMBINA BOMBINA** (Daudin)  
Czopek, 1959(1): 91 (Skin and lung capillaries)
- BOMBINA VARIEGATA VARIEGATA** (Linn.)  
Zweifel, 1959(4): 322 (effect of temp. on call)  
Rabb and Rabb, 1960(4): 275.  
McAlister, 1961(1): 94.
- BOMBINATOR SIKKIMMENSIS** Blyth, 1854.

**BOMBINATOR SIKKIMMENSIS**

(Continued)

Myers and Leviton, 1962(2): 288  
(Sikkim, Nepal; tax.)**BOTHROPS** Wagler

Stuart, 1957(2): 92 (distrib.)

Betz, 1963(4): 692 (Ovarian  
morphol.)**BOTHROPS ATROX** (Linn.)

—Fer-de-lance

Martin, 1955(3): 173-176

(Tamaulipas, Mexico)

Dunn and Dowling, 1957(4): 256.

Minton, 1957(4): 266.

Hirth, 1964(2): 453 (Costa Rica)

**BOTHROPS GODMANI** (Günther)Uzzell and Starrett, 1958(4): 340  
(El Salvador)**BRACHYCEPHALUS** Fitzinger

Tihen, 1960(3): 227.

**BRACHYLOPHUS** Cuv., 1829.

Etheridge, 1964(4): 630 (skeleton)

**BRACHYMELES GRACILIS TAYLORI**

Brown

Alcala and Reyes, 1957(2): 144  
(Habitat-Philippine Isl.)**BREVICEPS** Merrem

Alcala, 1962(4): 722.

**BUFO** Laurenti—ToadsCommittee on Common Names,  
1956(3): 176.McAlister, 1961(1): 86 (sound  
production)

Czopek, 1962(3): 586.

**BUFO ALVARIUS** Girard—Colorado

River toad.

Committee on Common Names,  
1956(3): 176.

Vial, 1957(2): 143 (Calif.)

Savage, 1960(3): 233 (Mex.)

McAlister, 1961(1): 89 (sound  
production)

Zweifel, 1962(4): 761.

**BUFO AMERICANUS** Holbrook

Bragg, 1955(1): 62 (embryo devel.)

Winston, 1955(4): 299.

Blair, 1957(3): 208 (relationships)

Martof, 1960(1): 59.

McAlister, 1961(1): 90 (sound prod.)

Holman, 1962(2): 256.

Holman, 1963(3): 558.

Fitch, 1963(4): 650 (Kansas).

**BUFO AMERICANUS** × **WOODHOUSEI**

McAlister, 1961(1): 89 (sound prod.)

**BUFO ANGUSTICEPS** Günther

Tihen, 1960(3): 230.

**BUFO ARENARUM** Hensel

Cei, 1955(4): 291 (Argentina)

Winston, 1955(4): 299.

Bertini and Rathe, 1962(1): 182-183  
(electrophoretic analysis)**BUFO BOREAS** (Baird and Girard)

—Western toad

Committee on Common Names,  
1956(3): 176.**BUFO BOREAS BOREAS** (Baird and  
Girard)—Boreal toadCommittee on Common Names,  
1956(3): 176.Manville, 1957(4): 308 (Mont. -  
Glacier Natl. Pk.)

Karlstrom, 1958(2): 152 (distrib.)

Ruibal, 1959(4): 320 (Maine)

McAlister, 1961(1): 89 (sound prod.)

Metter, 1961(4): 488 (water level -  
breeding season)

Holman, 1962(2): 256.

Holman, 1963(3): 558.

Metter, 1964(1): 183.

**BUFO BOREAS EXSUL** Myers

—Black toad

Committee on Common Names,  
1956(3): 176.**BUFO BOREAS HALOPHILUS**Baird and Girard—California  
toadBrattstrom and Warren, 1955(3):  
182 (Calif.)Committee on Common Names,  
1956(3): 176.

Strahan, 1957(2): 146.

Ruibal, 1959(4): 315.

**BUFO BOREAS NELSONI** Stejn.

1893—Amargosa toad

Committee on Common Names,  
1956(3): 176.**BUFO BUFO** Linn.

Weisel, 1958(2): 89.

Ruibal, 1959(4): 320 (Marine)

Belkin, 1964(2): 329.

**BUFO BUFO SPINOSUS** Daudin

Lanza, 1962(3): 643 (Italy)

**BUFO CALAMITA** Laurenti

Ruibal, 1959(4): 320 (Marine)

**BUFO CANORUS** Camp—Yosemite  
toadCommittee on Common Names,  
1956(3): 176.Karlstrom, 1958(2): 152  
(distrib.)McAlister, 1961(1): 90 (sound  
prod.)

**BUFO CLAMITANS**

Holman, 1963(3): 558 (probably in error for *Rana*)

**BUFO COCCIFER** Cope

Savage, 1960(3): 235 (Guatemala)

Holman, 1963(3): 558.

**BUFO COGNATUS** (Say)—Great Plains toad.

Committee on Common Names, 1956(3): 176.

Bragg, 1957(1): 37 (color var. - tadpoles)

Bellis, 1957(2): 88 (calls)

Cook, 1960(4): 364 (Saskatchewan)

McAlister, 1961(1): 89 (sound prod.)

Holman, 1962(2): 256.

Holman, 1963(3): 558.

**BUFO COMPACTILIS** Wiegmann—Texas toad.

Committee on Common Names, 1956(3): 176.

Holman, 1962(2): 256.

Holman, 1963(3): 558.

**BUFO COMPACTILIS SPECIOSUS** (Girard)—Texas toad.

Committee on Common Names, 1956(3): 176.

**BUFO DEBILIS** Girard—Green toad

Committee on Common Names, 1956(3): 176.

McAlister, 1961(1): 90 (sound prod.)

Zweifel, 1962(4): 761.

**BUFO DEBILIS DEBILIS** Girard

—Eastern green toad

Committee on Common Names, 1956(3): 176.

**BUFO DEBILIS INSIDIOR** (Girard)

—Western green toad

Committee on Common Names, 1956(3): 176.

**BUFO DEBILIS RETIFORMIS** Sanders and Smith—Sonora green frog

Committee on Common Names, 1956(3): 176.

**BUFO DHUFARENSIS** Parker

Haas and Battersby, 1959(3): 198 (Arabia)

**BUFO EMPUSUS** (Cope)

Tihen, 1960(3): 230.

**BUFO EXUL** Myers

Holman, 1962(2): 256.

**BUFO FENOULHETI OBTUSUM** Hewitt

Tihen, 1960(3): 226.

**BUFO FOWLERI** Hinckley—Fowler's toad

Bragg, 1955(1): 62 (embryo. devel.)

Volpe, 1956(4): 261.

**BUFO FOWLERI** (Continued)

Blair, 1957(2): 210 (relationships)

McAlister, 1961(1): 90 (sound prod.)

Martof, 1962(2): 439 (feeding)

Dessauer et al, 1962(4): 773.

Ferguson, 1963(2): 442 (heptachlor)

**BUFO FUNEREUS** Bocage

Tihen, 1960(3): 230.

**BUFO GRANULOSUS** Spix

Zweifel, 1964(1): 202.

**BUFO GRANULOSUS D'ORBIGNYI**

Dum. and Bibr.

Cei, 1955(4): 291 (Argentina).

**BUFO GRANULOSUS FERNANDEZAE**

Gallardo, 1957.

Bertini and Rathe, 1962(1): 182-

183 (electrophoretic analysis)

**BUFO GRANULOSUS MAJOR** Muller and Hellmich, 1920.

Bertini and Rathe, 1962(1): 182-

183 (electrophoretic analysis)

**BUFO HEMIOPHRYS** Cope—Dakota toad

Underhill, 1958(2): 150 (S.D.)

McAlister, 1961(1): 90 (sound prod.)

Cook, 1964(1): 219 (Saskatchewan)

**BUFO HOUSTONENSIS** Sanders,

1953—Houston toad

Committee on Common Names, 1956(3): 176.

Blair, 1967(3): 210 (relationships)

McAlister, 1961(1): 90 (sound prod.)

**BUFO KELLOGGI** Taylor

Savage, 1960(3): 233 (Mex.)

**BUFO LONNBERGI NAIROBIENSIS**

Loveridge, 1932.

Tihen, 1960(3): 226.

**BUFO MAMMATA** Günther, 1896.

Myers and Leviton, 1962(2): 288 (tax.)

**BUFO MARINUS** Linn.—Giant toad

Committee on Common Names,

1956(3): 176.

Duellman, 1958(1): 49 (Mex.)

Ruibal, 1959(4): 319-320 (Marine)

Savage, 1960(3): 233 (geogr. var.

in tadpole - Mexico)

McAlister, 1961(1): 90 (sound prod.)

Bertini and Rathe, 1962(1):

182-183 (electrophoretic

analysis)

Holman, 1962(2): 256.

Holman, 1963(3): 558.

**BUFO MARMOREUS** Weigmann

Savage, 1960(3): 233 (Mex.)

- BUFO MAURITANICUS** Schlegel  
 Tihen, 1960(3): 230.
- BUFO MAZATLANENSIS** Taylor  
 Savage, 1960(3): 233 (Mex.)  
 Holman, 1963(3): 558.
- BUFO MELANOPELURA** Schmidt and  
 Inger, 1959.  
 Tihen, 1960(3): 226.
- BUFO MELANOSTICTUS** Schneider  
 —Malayan toad.  
 Winston, 1955(4): 299.  
 Strahan, 1957(2): 146 (effect of  
 salinity - Hong Kong)  
 Ruibal, 1959(4): 320 (Marine)  
 Berry and Bullock, 1962(4): 736 (food)
- BUFO MICRANOTIS MICRANOTIS**  
 Lovendge  
 Tihen, 1960(3): 226.
- BUFO MICROSCAPHUS** Cope, 1867.  
 —Southwestern toad  
 Committee on Common Names,  
 1956(3): 176.  
 Blair, 1957(3): 208 (call and relation-  
 ships)  
 McAlister, 1961(1): 90 (sound prod.)  
 Anderson, 1961(4): 375 (Mexico)
- BUFO MICROSCAPHUS CALIFORNICUS**  
 (Camp)—Arroyo toad  
 Committee on Common Names,  
 1956(3): 176.
- BUFO MICROSCAPHUS MICROSCAPHUS**  
 Cope. —Arizona toad  
 Committee on Common Names,  
 1956(3): 176.
- BUFO OCCIDENTALIS** Camerano  
 Savage, 1960(3): 233 (Mex.)
- BUFO ORIENTALIS** Werner  
 Haas and Battersby, 1959(3): 198  
 (Arabia)
- BUFO PARACNEMIS** Lutz  
 Cei, 1955(4): 291 (Argentina)  
 Bertini and Rathe, 1962(1): 182-183  
 (electrophoretic analysis)
- BUFO PARKERI** Loveridge, 1932.  
 Tihen, 1960(3): 226.
- BUFO PRAEVIUS** Tihen  
 Holman, 1961(3): 354 (Miocene - Fla.)
- BUFO PUNCTATUS** Baird and Girard  
 —Red-spotted toad.  
 Committee on Common Names,  
 1956(3): 176.  
 Blair, 1957(3): 210 (relationships)  
 Savage, 1960(3): 233 (Mex.)  
 McAlister, 1961(1): 89 (sound prod.)  
 Holman, 1962(2): 256.  
 Miller, 1963(1): 5 (Arizona)
- BUFO QUERCICUS** Holbrook—Oak  
 toad  
 Committee on Common Names,  
 1956(3): 176.  
 Telford, 1959(2): 111 (Fla.)  
 Pyburn, 1960(1): 55 (Miss.)  
 Tihen, 1960(3): 228.  
 McAlister, 1961(1): 89 (sound prod.)  
 Holman, 1962(2): 256.  
 Holman, 1963(3): 558.
- BUFO RADDEI** Strauch  
 Ruibal, 1959(4): 320 (Marine)
- BUFO REGULARIS** (Reuss)  
 Winston, 1955(4): 293 (ident. and  
 ecol.)  
 Tihen, 1960(3): 230.  
 Holman, 1962(2): 256.  
 Holman, 1963(3): 558.
- BUFO RONDOENSIS** Loveridge,  
 1942.  
 Tihen, 1960(3): 226 (syn.)
- BUFO SIMUS** Schmidt  
 Holman, 1963(3): 558.
- BUFO SPECIOSUS** Girard  
 McAlister, 1961(1): 88 (sound  
 productions)
- BUFO SPINULOSUS** Wiegman.  
 Bertini and Rathe, 1962(1):  
 182-183 (electrophoretic  
 analysis)
- BUFO TAITANUS NYIKAE**  
 Loveridge, 1953.  
 Tihen, 1960(3): 226.
- BUFO TERRESTRIS** (Bonnaterre)  
 —Common American toad  
 Committee on Common Names,  
 1956(3): 176.
- BUFO TERRESTRIS AMERICANUS**  
 (Holbrook)—American toad  
 Martof, 1955(3): 168 (Ga.)  
 McFarland, 1955(3): 191 (lethal  
 temp.)  
 Martof and Humphries, 1955(3):  
 247 (Ga.)  
 Committee on Common Names,  
 1956(3): 176.  
 Olson, 1956(3): 189 (Ill.)  
 Bragg, 1957(1): 37 (color variat.)  
 Schwartz, 1957(2): 98 (S.C.)  
 Gibbs, 1957(4): 311 (N.Y.)  
 Underhill, 1958(2): 150 (S.D.)  
 Stille, 1958(3): 218 (water absorption)  
 Werner, 1959(2): 171 (Thousand  
 Isl., N.Y.)  
 Bellis, 1959(2): 173 (movement in  
 Minn. bog)



**BUFO TERRESTRIS AMERICANUS**

(Continued)

Holman, 1960(1): 57 (Indiana)

Ferguson, 1961(4): 393 (Miss.)

**BUFO TERRESTRIS CHARLESMTITHI**

Bragg—Dwarf American toad

Committee on Common Names,

1956(3): 176.

Bragg, 1957(1): 37 (color variat. - tadpole)

Bellis, 1957(2): 85 (temp. on breeding calls)

**BUFO TERRESTRIS COPEI** Yarrow and

Henshaw—Hudson Bay toad

Committee on Common Names,

1956(3): 176.

**BUFO TERRESTRIS** (Bonnaterre)

—Southern toad

Bragg, 1955(1): 62.

McFarland, 1955(3): 191 (lethal temp.)

Jameson, 1956(1): 27.

Jameson, 1956(1): 55 (longevity)

Committee on Common Names,

1956(3): 176.

Littlejohn, 1958(3): 223 (Ga.)

Holman, 1959(2): 98.

Telford, 1959(2): 111 (Fla.)

McAlister, 1961(1): 90 (sound prod.)

Holman, 1962(2): 256.

Holman, 1963(3): 558.

**BUFO TYPHONIUS** (Linn.)

Tihen, 1960(3): 230.

**BUFO USHORANUS** Loveridge

Tihen, 1960(3): 226.

**BUFO VALLICEPS** Wiegmann—Gulf

Coast toad

Jameson, 1956(1): 25.

Jameson, 1956(1): 55 (longevity)

Committee on Common Names,

1956(3): 176.

Blair, 1956(4): 260 (hybrid exp.)

Volpe, 1956(4): 261

Savage, 1960(3): 235 (Guatemala)

McAlister, 1961(1): 88 (sound production)

Volpe et al, 1961(3): 344.

Dessauer et al, 1962(4): 773.

Holman, 1963(3): 558.

Duellman and Klaas, 1964(2): 314.

**BUFO VERTEBRALIS** Smith

Tihen, 1960(3): 226.

**BUFO VIRIDIS** Laurenti—Green toad

Winston, 1955(4): 299.

Ruibal, 1959(4): 320 (Marine)

Weber, 1960(2): 153 (Iraq)

Holman, 1962(2): 256.

Lanza, 1962(3): 643 (Italy)

**BUFO VITTATUS** Boul.

Tihen, 1960(3): 226.

**BUFO VULGARIS JAPONICUS**

Schlegel

Alexander and Diener, 1958(3):

218 (Japan)

**BUFO WOODHOUSEI** Girard

—Woodhouse's toad

Committee on Common Names,

1956(3): 176.

**BUFO WOODHOUSEI AUSTRALIS**

Shannon and Lowe—Southwestern

Woodhouse's toad.

Committee on Common Names,

1956(3): 176.

**BUFO WOODHOUSEI FOWLERI**

Hinckley—Fowler's toad.

Bragg, 1955(1): 62 (embryo. devel.)

Martof, 1955(3): 168 (Ga.)

Committee on Common Names,

1956(3): 176.

Gosner and Black, 1957(1): 31

(larval devel.)

Schwartz, 1957(2): 98 (S.C.)

Stille, 1958(3): 217 (water absorption)

Holman, 1960(1): 57 (Indiana)

Ferguson, 1961(4): 393 (Miss.)

**BUFO WOODHOUSEI HEMIOPHRY**

Cope, 1886.—Dakota toad

Committee on Common Names,

1956(3): 176

**BUFO WOODHOUSEI VELATUS**

Bragg and Sanders—East Texas toad

Bragg, 1955(1): 62 (embryo. devel.)

Committee on Common Names,

1956(3): 176.

**BUFO WOODHOUSEI WOODHOUSEI**

Girard—Rocky Mountain toad

Bragg, 1955(1): 62 (embryo. devel.)

Winston, 1955(4): 299.

Committee on Common Names,

1956(3): 176.

Vial, 1957(2): 143 (Calif.)

Blair, 1957(3): 208 (relationships)

Underhill, 1958(2): 150 (S.D.)

Underhill, 1961(3): 333 (variation - S.D.)

Holman, 1962(2): 256 (Pleistocene)

Boyd, Vinson and Ferguson, 1963(2): 428 (DDT)

Holman, 1963(3): 558.

**BUFO WOODHOUSEI × B. VALLICEPS**

Blair, 1956(4): 259 (hybrid, survival in nature - Texas)

McAlister, 1961(1): 89 (sound prod.)

**BUFONIDAE**

Bertini and Rathe, 1962(1): 183 (electrophoretic analysis)

- BUNGARUS Daudin  
Dunn and Dowling, 1957(4): 260.  
BUNGARUS FASCIATUS (Schneider)  
—Bandes krait  
Keegan et al, 1962(2): 314 (venom)

## C

- CACOPHRYNE Davis, 1935.  
Tihen, 1960(3): 227.  
CAECILIA DEGENERATA Dunn  
Parker and Dunn, 1964(1): 82  
(dentitional metamorphosis)  
CAECILIA NIGRICANS Boul.  
Parker and Dunn, 1964(1): 82  
(dentitional metamorphosis)  
CAECILIA PACHYNEMA Günther  
Parker and Dunn, 1964(1): 82  
(dentitional metamorphosis)  
CAECILIA ROSTRATA Cuvier  
Parker, 1958(2): 72.  
CAECILIA SUBNIGRICANS Dunn  
Parker and Dunn, 1964(1): 81  
(dentitional metamorphosis)  
CAECILIA TENTACULATA Linn.  
Parker and Dunn, 1964(1): 81  
(dentitional metamorphosis)  
CAECILIANS  
Parker, 1958(2): 71 (Seychelles Isl.)  
CAIMAN CROCODILUS Linn.  
Medem and Marx, 1955(1): 2 (artif. key)  
CAIMAN FUSCUS (Cope)  
Medem and Marx, 1955(1): 2 (tax.)  
CAIMAN LATIROSTRIS Daudin, 1802.  
Medem and Marx, 1955(1): 2 (artif. key)  
CAIMAN SCLEROPS (Schneider, 1801)  
Medem and Marx, 1955(1): 2 (artif. key)  
Allen and Neill, 1956(2): 124 (abnormal color)  
CAIMAN YACARE Daudin, 1802.  
Medem and Marx, 1955(1): 2 (artif. key)  
CALAMARIA Boie  
Dowling, 1959(1): 41.  
CALAMODON Cope, 1874  
Amaral, 1963(3): 580 (fossil mammal)  
CALEMODON Amaral, 1935.  
Amaral, 1963(3): 580 (name changed)  
CALAMODON PARICIDENS Amaral,  
1935.  
Amaral, 1963(3): 580.  
CALAMODONTOPHIS Amaral, 1963.  
Amaral, 1963(3): 580 (Subst. name for Calamodon Amaral, 1935)  
CALAMODONTOPHIS PAUCIDENS  
(Amaral, 1935).  
Amaral, 1963(3): 580 (tax.)  
CALLISAURUS Cope—Zebra-tailed lizards  
Committee on Common Names,  
1956(3): 178.  
Etheridge, 1958(2): 99.  
Earle, 1961(1): 68.  
Earle, 1961(4): 405 (middle ear)  
Earle, 1962(1): 185 (middle ear)  
Lammom, 1962(2): 437 (methods of catching)  
CALLISAURUS DRACONOIDES  
Blainville—Zebra-tailed lizard  
Committee on Common Names,  
1956(3): 178.  
CALLISAURUS DRACONOIDES CAR-MENENSIS Dickerson  
Etheridge, 1964(4): 618 (sketelal morph.)  
CALLISAURUS DRACONOIDES CRINITUS Cope  
Etheridge, 1964(4): 630 (skeleton)  
CALLISAURUS DRACONOIDES DRACONOIDES Blainville  
Eakin, 1957(2): 148 (Noosing)  
Hunsaker and Johnson, 1959(4): 313 (pigm.)  
Belkin, 1961(2): 223 (running speeds)  
Zweifel, 1962(4): 761.  
Soulé, 1963(1): 108 (thermoregulation)  
Schmidt, 1964(3): 545 (Cochlea)  
Etheridge, 1964(4): 613, 618 (skeletal morph.)  
CALLISAURUS DRACONOIDIS GABBI Cope—Colorado Desert zebra-tailed lizard  
Committee on Common Names,  
1956(3): 178.  
Earle, 1961(4): 405 (middle ear)  
Etheridge, 1964(4): 613, 618 (skeleton morph.)  
CALLISAURUS DRACONOIDES MYURUS Richardson  
—Nevada zebra-tailed lizard  
Committee on Common Names,  
1956(3): 178.  
CALLISAURUS DRACONOIDES VENTRALIS (Hallowell)  
—Arizona zebra-tailed lizard  
Committee on Common Names,  
1956(3): 178.  
Earle, 1961(4): 405 (middle ear)  
Etheridge, 1964(4): 630 (skeleton)  
CALLISAURUS DRACONOIDES VENTRALIS × C. D. GABBII.  
Earle, 1961(4): 405 (middle ear)

- CALLUELLA GUTTALATA** (Blyth)  
Savage, 1955(2): 124.
- CALOTES VERSICOLOR** (Boul.)  
Underwood, 1597(1): 25.  
Evans, 1959(2): 103.  
Pandha & Thapliyal, 1964(3):  
579 (male hormones)
- CALYPTOCEPHALA DEJEAN**, 1835  
Myers, 1962(1): 200 (preoccupies  
generic name)
- CALYPTOCEPHALA** Nieden, 1923  
Myers, 1962(1): 200 (tax.)
- CALYPTOCEPHALELLA** Strand,  
1928  
Myers, 1962(1): 201 (tax.)
- CALYPTOCEPHALELLA GAYI**  
(Dum. & Bibr.)  
Bertini & Rathe, 1962(1): 182-183  
(electrophoretic analysis)
- CALYPTOCEPHALUS** Gray, 1832  
Myers, 1962(1): 200 (preoccupies  
genus for *Herp.*)
- CALYPTOCEPHALUS** Dum. & Bibr.,  
1841  
Myers, 1962(1): 195, 200  
(nomencl. hist.)
- CALYPTOCEPHALUS GAYI**  
Dum. & Bibr., 1841  
Myers, 1962(1): 200 (Chile - tax.)
- CARDIOCEPHALUS**  
Parker & Dunn, 1964(1): 84  
(fossil)
- CARETTA** Linn.  
— Loggerhead turtles.  
Committee on Common Names,  
1956(3): 177.
- CARETTA CARETTA** (Linn.)  
— Loggerhead.  
Committee on Common Names,  
1956(3): 177.  
Mansueti, 1963(1): 68 (response  
to jellyfish)  
McFarlane, 1963(1): 153 (dis-  
orientation of hatchling by  
artificial light)
- CARETTA CARETTA CARETTA**  
(Linn.)—Atlantic loggerhead.  
Committee on Common Names,  
1956(3): 177.  
Mowbray & Caldwell, 1958(2):  
148 (Bermuda)  
Anderson, 1958(3): 211 (behavior  
of hatchlings)  
Walker, 1959(3): 257 (closure of  
nostrils)
- CARETTA CARETTA GIGAS**  
Deraniyagala  
— Pacific loggerhead.
- CARETTA CARETTA GIGAS**  
(continued)  
Committee on Common Names,  
1956(3): 177.  
Caldwell, 1963(3): 568 (Gulf of  
Calif. - Mexico)
- CARETTOCHELYIDAE**  
McDowell, 1963(1): 154.
- CARETTOCHELYS INSCULPTA**  
Ramsey, 1886  
McDowell, 1963(1): 154 (muscles  
in region of Eustachian tube)
- CARPPOPHIS** Gervais  
— Worm snakes.  
Committee on Common Names,  
1956(3): 181  
Dowling, 1959(1): 41.
- CARPPOPHIS AMOENUS** Say  
— Worm snake.  
Committee on Common Names,  
1956(3): 181.
- CARPPOPHIS AMOENUS AMOENUS**  
Say — Eastern worm snake.  
Committee on Common Names,  
1956(3): 181.  
Schwartz, 1957(2): 98 (S.C.)  
Holman, 1958(4): 278 (Pleistocene  
- Fla.)  
Ferguson, 1961(4): 394 (Miss. -  
westward ext.)  
Fitch, 1963(4): 650 (Kansas)
- CARPPOPHIS AMOENUS AMOENUS**  
Say × C. A. HELENÆ  
Kennicott  
Ferguson, 1961(4): 394 (Miss.)
- CARPPOPHIS AMOENA HELENÆ**  
(Kennicott)—Midwest worm  
snake.  
Committee on Common Names,  
1956(3): 181.  
Minton & Bechtel, 1958(1): 47  
(Indiana)
- CARPPOPHIS AMOENUS VERMIS**  
(Kennicott)—Western worm  
snake.  
Committee on Common Names,  
1956(3): 181.
- CASAREA** Gray  
Dowling, 1959(1): 44.
- CAUDIVERBERA** Laurenti, 1768.  
Myers, 1962(1): 195, 200.  
(nomencl. hist.)
- CAUDIVERBERA CAUDIVERBERA**  
(Linn., 1758)  
Myers, 1962(1): 201 (type of  
genus)
- CAUDIVERBERA CRISTATUS**  
(Daudin, 1802)  
Myers, 1962(1): 201.

- CAUDIVERBERA FEIULLAEI  
(Dum. & Bibr., 1836)  
Myers, 1962(1): 201.
- CAUDIVERBERA PERUVIANA  
Laurenti, 1768  
Myers, 1962(1): 200 (tax. -  
type of genus)
- CAUDIVERBERA QUOYII  
(Bibron, 1838)  
Myers, 1962(1): 201.
- CAUSUS RHOMBEATUS  
(Lichtenst.)—Night adder.  
Gans & Richmond, 1957(4):  
269, 273.
- CELESTUS Gray, 1839  
Underwood, 1957(1): 22.
- CELESTUS COSTATUS (Cope)  
Underwood, 1957(1): 26.
- CELESTUS CRUSCULUS (Garman)  
Underwood, 1957(1): 27.
- CEMOPHORA Cope  
—Scarlet snake.  
Committee on Common Names,  
1956(3): 181.  
Dowling, 1959(1): 41.
- CEMOPHORA COCCINEA  
(Blumenbach)—Scarlet snake.  
Committee on Common Names,  
1956(3): 181.  
Neill, 1957(2): 141 (type loc.)  
Minton & Bechtel, 1958(1): 47  
(Indiana - egg-eating)  
Conant, 1958(1): 51 (Delmarva)  
Woolcott, 1959(3): 263 (eggs &  
young - Va.)  
Ferguson, 1961(4): 394 (Miss.)  
Fuller & Barbour, 1962(3): 637  
(Ky.)
- CERAMODACTYLUS DORIAE  
Blanford  
Haas & Battersby, 1959(3): 198  
(Arabia)
- CERAMODACTYLUS MAJOR  
Parker  
Haas & Battersby, 1959(3):  
198 (Arabia)
- CERATOPHRYS  
Bertini & Rathe, 1962(1): 183  
(electrophoretic analysis)
- CERATOPHRYS PIEROTTII Vellard  
Cei, 1955(4): 291 (Argentina)
- CERATOPHRYS VARIA (Wied)  
Holman, 1963(3): 558.
- CERCASPIS Wagler  
Dunn & Dowling, 1957(4): 260.
- CHALCIDES OCELLATUS  
OCELLATUS Forsk  
Haas & Battersby, 1959(3): 202  
(Arabia)
- CHAMAELEOLIS CHAMAELEON-  
TIDES (Dum. & Bilr.)—  
Cuban Lizard  
Wilson, 1957(2): 145 (behavior in  
captivity)
- CHAMAELEON Laurenti  
(incl. Chamaeleo)  
Rand, 1961(4): 411 (function of  
ornamentation - E. Afr.).  
Schmidt, 1964(3): 545 (Cochlea)
- CHAMAELEON BITAENIATUS  
Fischer  
Rand, 1961(4): 411 (E. Afr.)
- CHAMAELEON BITAENIATUS  
ELLIOTI Günther  
Bustard, 1963(4): 704 (Habits in  
captivity).
- CHAMAELEON BITAENIATUS  
HÖHNELII Steindachner, 1891.  
Rand, 1961(4): 413 (E. Afr.)  
Bustard, 1963(4): 705 (Mating  
habits).
- CHAMAELEON BITAENIATUS RUDIS  
Boulenger, 1906.  
Rand, 1961(4): 413 (E. Afr.)
- CHAMAELEON CALCARATUS  
Merrem  
Bustard, 1963(4): 704 (Mating  
behavior)
- CHAMAELEON CALCARIFER  
Peters  
Haas & Battersby, 1959(3): 202  
(Arabia)
- CHAMAELEON CHAMAELEON  
Linn.  
Bustard, 1963(4): 704 (Habits in  
captivity).
- CHAMAELEON DEREMENSIS  
Matschie  
Rand, 1961(4): 411 (E. Afr.)
- CHAMAELEON DILEPIS Leach  
Bustard, 1963(4): 704 (Mating  
habits)
- CERATOPHRYS CORNUTA (Linn.)  
Holman, 1963(3): 558.

- CHAMAELEON FISCHERI  
Nieden, 1913.  
Rand, 1961(4): 411 (E. Afr.)
- CHAMAELEON FISCHERI EX-  
CUBITOR (Barbour)  
Rand, 1961(4): 413 (E. Afr.)
- CHAMAELEON FÜLLEBORNI  
Tournier  
Rand, 1961(4): 411 (E. Afr.)
- CHAMAELEON GOETZEI Tournier  
Rand, 1961(4): 411 (E. Afr.)
- CHAMAELEON INCORNUTUS  
Loveridge, 1932.  
Rand, 1961(4): 413 (E. Afr.)
- CHAMAELEON JOHNSTONI Boul.  
Rand, 1961(4): 411 (E. Afr.)  
Bustard, 1963(4): 705.
- CHAMAELEON LATERISPINUS  
Loveridge, 1932.  
Rand, 1961(4): 413 (E. Afr.)
- CHAMAELEON OSHAUGNESSYI  
Günther  
Bustard, 1963(4): 705.
- CHAMAELEON SPINOSUS Matschie  
Rand, 1961(4): 413 (E. Afr.)
- CHAMAELEON TEMPELI  
Tornier, 1899.  
Rand, 1961(4): 411 (E. Afr.)
- CHAMAELEON TENUIS  
Matschie, 1892.  
Rand, 1961(4): 413 (E. Afr.)
- CHAMAELEON VULGARIS (Gray)  
Earle, 1961(1): 68.
- CHAMAELEON WERNERI  
Tornier, 1899.  
Rand, 1961(4): 413 (E. Afr.)
- CHAMAELEON ZEYLANICUS  
Laurenti  
Bustard, 1963(4): 704 (Mating  
behavior)
- CHAMAELYCUS Boulenger, 1919.  
deWitte, 1963(4): 634 (tax.)
- CHAMAELYCUS CHRISTYI  
Boul., 1919.  
deWitte, 1963(4): 634 (tax.)
- CHAMELEONTIDAE  
Schmidt, 1964(3): 545 (Cochlea)
- CHAMOELIONIDAE  
Underwood, 1957(1): 28.
- CHAPERINA FUSCA Mocquard, 1892.  
Leviton, 1955(3): 258  
(Philippine Isl.)
- CHARINA Gray—Rubber Boas  
Committee on Common Names,  
1956(3): 181.  
Dowling, 1959(1): 44.
- CHARINA BOTTAE (Blainville)—  
Rubber Boa  
Committee on Common Names,  
1956(3): 181.
- CHARINA BOTTAE BOTTAE  
(Blainville)—Pacific Rubber  
Boa.  
Committee on Common Names,  
1956(3): 181.  
Hudson, 1957(1): 51 (Late parturi-  
tion—Wash.)  
Erwin, 1964(1): 222 (Newborn—  
Calif.)
- CHARINA BOTTAE UMBRATICA  
Klauber—Southern Rubber Boa  
Committee on Common Names,  
1956(3): 181.
- CHARINA BOTTAE UTAHENSIS  
Van Denburgh—Rocky Moun-  
tain Rubber Boa  
Committee on Common Names,  
1956(3): 181.  
Manville, 1957(4): 309 (Mont.-  
Glacier Nat. Pk.)
- CHARINA PREBOTTAE Brattstrom  
Holman, 1964(4): 632.
- CHELONIA Latreille  
—Green Turtles  
Committee on Common Names,  
1956(3): 177.  
Norris & Dawson, 1964(4): 638.  
(Adapt.)
- CHELONIA MYDAS (Linn.)  
—Green Turtle  
Committee on Common Names,  
1956(3): 177.
- CHELONIA MYDAS AGASSIZI  
(Bocourt)—Pacific Green  
Turtle  
Committee on Common Names,  
1956(3): 177.
- CHELONIA MYDAS MYDAS (Linn.)  
—Atlantic Green Turtle  
Committee on Common Names,  
1956(3): 177.  
Mowbray & Caldwell, 1958(2): 148  
(Bernnda)
- Walker, 1959(3): 257 (Closure of  
nostrils)
- Hirth, 1962(3): 647 (Cloacal temp.  
—Costa Rica)
- CHELOSPHARGIS Zangerl, 1953  
McNulty & Slaughter, 1964(2): 454  
(Upper Cret.—Texas)
- CHELYDRA Schweigger  
—Snapping Turtles

- CHELYDRA (continued)  
Committee on Common Names,  
1956(3): 177.  
Belkin, 1964(2): 327.
- CHELYDRA LATICARINATA  
Hay, 1916.  
Richmond, 1958(1): 43  
(Pleistocene - Fla.)
- CHELYDRA OSCEOLA Stejneger,  
1918.  
Richmond, 1958(1): 41 (Status)
- CHELYDRA SCULPTA Hay, 1916.  
Richmond, 1958(1): 43  
(Pleistocene - Fla.)
- CHELYDRA SERPENTINA Linn.  
—Snapping turtle  
Committee on Common Names,  
1956(3): 177.
- CHELYDRA SERPENTINA OSCEOLA  
(Stejn.)—Florida snapping turtle.  
Committee on Common Names,  
1956(3): 177.
- CHELYDRA SERPENTINA SERPEN-  
TINA Linn.—Common  
snapping turtle.  
Mosiman, 1955(1): 58 (measuring)  
Stegeman, 1955(3): 255 (abnormal  
carapace)  
Shields & Lindeborg, 1956(2): 121  
(N.M.)  
Committee on Common Names,  
1956(3): 177.  
Olson, 1956(3): 190 (Ill.)  
Bleakney, 1957(2): 143 (83 eggs  
Quebec)  
Sexton, 1957(3): 230 (hatchlings)  
Carpenter, 1957(4): 278 (Okla.)  
Richmond, 1958(1): 41.  
Brode, 1958(1): 48 (prehensile tail)  
Anderson, 1958(3): 211 (behavior of  
hatchlings)  
Werner, 1959(2): 171 (Thousand Isl.,  
N.Y.)  
Holman, 1960(1): 57 (Indiana)  
Ferguson, 1961(4): 393 (Miss.)  
McDowell, 1963(1): 154 (muscles in  
region of eustachian tubes)  
Ferguson, 1963(2): 442 (heptachlor)  
Hibbard, 1963(4): 709 (Upper  
Pliocene-Kansas)  
Murphy, 1964(1): 221 (eaten by  
cottonmouth)
- CHILOMENISCUS Cope—Sand snakes  
Committee on Common Names,  
1956(3): 181.
- CHILOMENISCUS CINCTUS Cope  
—Banded sand snake
- CHILOMENISCUS CINCTUS  
(continued)  
Committee on Common Names,  
1956(3): 181.  
Shaw, 1962(3): 644 (Baja Calif.,  
Mex.)
- CHIONACTIS Cope—Shovel-nosed  
snakes.  
Committee on Common Names,  
1956(3): 181.  
Cowles, 1956(4): 212 (Sidewinding)
- CHIONACTIS OCCIPITALIS  
Hallowell—Western shovel-  
nosed snake.  
Committee on Common Names,  
1956(3): 181.
- CHIONACTIS OCCIPITALIS  
ANNULATA (Baird)  
—Colorado Desert shovel-nosed  
snake.  
Committee on Common Names,  
1956(3): 181.
- CHIONACTIS OCCIPITALIS  
KLAUBERI (Stickel)—Tucson  
shovel-nosed snake.  
Committee on Common Names,  
1956(3): 181.
- CHIONACTIS OCCIPITALIS  
OCCIPITALIS Hallowell  
—Mojave shovel-nosed snake.  
Committee on Common Names,  
1956(3): 181.
- CHIONACTIS OCCIPITALIS TALPINA  
Klauber—Nevada shovel-nosed  
snake.  
Committee on Common Names,  
1956(3): 181.
- CHIONACTIS PALAROSTRIS  
Klauber—Sonora shovel-nosed  
snake.  
Committee on Common Names,  
1956(3): 181.
- CHIONACTIS PALAROSTRIS  
ORGANICA Klauber—Organ  
pipe shovel-nosed snake.  
Committee on Common Names,  
1956(3): 181.
- CHIRONIUS Fitzinger  
Stuart, 1957(2): 93 (Distrib.)
- CHIRONIUS CARINATUS (Linn.)  
Duellman, 1960(4): 368 (Size -  
Brit. Guiana)
- CHIROPTEROTRITON Taylor  
Stuart, 1957(2): 93 (Distrib.)  
Rabb, 1960(4): 304 (Tax.)
- CHIROPTEROTRITON ABSCONDENS  
Taylor  
Rabb, 1960(4): 308.



**CHIROPTEROTRITON BROMELIACIA**  
(Schmidt)

Rabb, 1960(4): 305-307. (Guatemala)

**CHIROPTEROTRITON CHIROPTERUS**  
(Cope)Highton, 1957(2): 108 (Costal  
grooves - trunk vertebrae)

Rabb, 1960(4): 310.

**CHIROPTEROTRITON CHONDROSTEGA**  
(Taylor)Martin, 1955(3): 173 (Tamaulipas,  
Mexico)

Uzzell, 1961(1): 85 (Calcification)

**CHIROPTEROTRITON CHONDROSTEGA**  
**CRACENS** Rabb, 1958.

Rabb, 1960(4): 310.

**CHIROPTEROTRITON DIMIDIATUS**  
(Taylor)

Rabb, 1960(4): 310.

Uzzell, 1961(1): 85 (Calcification)

**CHIROPTEROTRITON MEGARHINUS**  
Rabb, 1960.

Rabb, 1960(4): 304 (Mexico)

**CHIROPTEROTRITON MULTIDENTATA**  
(Taylor)Martin, 1955(3): 173 (Tamaulipas,  
Mexico)**CHIROPTEROTRITON NASALIS**  
(Dunn)

Rabb, 1960(4): 308 (Honduras)

**CHIROPTEROTRITON PICADOI**  
(Stejn.)

Rabb, 1960(4): 308 (Costa Rica)

**CHIROPTEROTRITON PRISCA** Rabb  
Uzzell, 1961(1): 85 (Calcification)**CHIROPTEROTRITON XOLOCALCAE**  
(Taylor)

Rabb, 1960(4): 305-307. (Mexico)

**CHRYSEMYS** Gray—Painted turtles.  
Committee on Common Names,  
1956(3): 177.**CHRYSEMYS PICTA** (Schneider)  
—Painted turtle.Committee on Common Names,  
1956(3): 177.**CHRYSEMYS PICTA BELLI** (Gray)  
—Western painted turtle.Moski, 1955(1): 61 (Algal growth on)  
Committee on Common Names,  
1956(3): 177.Manville, 1957(4): 308 (Mont. -  
Glacier Nat. Pk.)Musacchia & Grundhauser, 1962(3):  
571 (seasonal water changes)

Lewin, 1963(2): 446 (Alberta)

**CHRYSEMYS PICTA DORSALIS**

Agassiz—Southern painted turtle.

**CHRYSEMYS PICTA DORSALIS**  
(continued)Committee on Common Names,  
1956(3): 177.

Bragg &amp; Bragg, 1957(4): 307 (Okla.)

Musacchia & Grundhauser, 1962(3):  
574.**CHRYSEMYS PICTA MARGINATA**  
Agassiz—Midland painted  
turtle.Moski, 1955(1): 61 (Algal growth  
on)Committee on Common Names,  
1956(3): 177.

Sexton, 1957(3): 229 (Hatchlings)

Hartman, 1958(4): 261 (inter-  
gradation)Werner, 1959(2): 171 (Thousand  
Isl., N. Y.)

Holman, 1960(1): 57 (Indiana)

Musacchia & Grundhauser, 1962(3):  
571. (seasonal water changes)Waters, 1964(3): 550 (intergrada-  
tions)**CHRYSEMYS PICTA MARGINATA**  
Agassiz x **BELLI** Gray.

Olson, 1956(3): 191 (Ill.)

**CHRYSEMYS PICTA PICTA**(Schneider)—Eastern painted  
turtle.Mosimann, 1955(1): 58 (Cross-  
section & volume)Moski, 1955(1): 61 (Algal growth  
on)Committee on Common Names,  
1956(3): 177.Anderson, 1958(3): 211 (Behavior  
of hatchlings)Hartman, 1958(4): 261 (Inter-  
gradation)Gould, 1959(2): 174 (Orientation -  
Md.)Fox & Musacchia, 1959(4): 337  
(pH of digestive tract)Woolverton, 1961(1): 109 (Winter  
survival - Minn.)Jacques & Musacchia, 1961(2):  
223.Woolverton, 1963(3): 569 (Winter  
survival of hatchlings, N.  
Minn.)Musacchia & Wurth, 1964(1): 220  
(Intestinal buds)Waters, 1964(3): 550 (Inter-  
gradation)**CHRYSEMYS PICTA PICTA X**  
**MARGINATA**

Waters, 1964(3): 550 (Intergrade)

- CHRYSEMYS SCRIPTA (Schoepff)  
McDowell, 1963(1): 154 (muscles in  
region of Eustachian tube)
- CHTHONERPETON INDISTINCTUM  
(Reinhardt & Lütken)  
Parker & Dunn, 1964(1): 79  
(dentitional metamorphosis)
- CHTHONERPETON PETERSI  
Boulenger  
Parker & Dunn, 1964(1): 79  
(dentitional metamorphosis)
- CHTHONERPETON VIVIPARUM  
Parker & Wettstein  
Parker & Dunn, 1964(1): 78  
(dentitional metamorphosis)
- CLAUDIUS Cope  
Stuart, 1957(2): 93 (Distrib.)
- CLEMMYS Ritgen—Pond turtles.  
Committee on Common Names,  
1956(3): 177.
- CLEMMYS CASPICA CASPICA  
(Gmelin)  
Reed, 1957(1): 51 (Non-swimming-  
Iraq)  
Watson, 1962(2): 320.
- CLEMMYS GUTTATA (Schneider)  
—Spotted turtle.  
Committee on Common Names,  
1956(3): 177.  
Moski, 1957(1): 50 (Alga on)
- CLEMMYS INSCULPTA (LeConte)  
—Wood turtle.  
Committee on Common Names,  
1956(3): 177.  
Conant, 1958(1): 51 (Delmarva)  
Clement, 1958(4): 336 (habits in  
captivity)  
Pallas, 1960(2): 155 (Nesting - N.J.)
- CLEMMYS MARMORATA (Baird &  
Girard)—Western pond turtle.  
Brattstrom, 1955(2): 139.  
(Pleistocene - Calif.)  
Committee on Common Names,  
1956(3): 177.
- CLEMMYS MARMORATA MARMORATA  
(Baird & Girard)—Northwestern  
pond turtle.  
Committee on Common Names,  
1956(3): 177.
- CLEMMYS MARMORATA PALLIDA  
Seelinger—Southwestern pond  
turtle.  
Committee on Common Names,  
1956(3): 177.
- CLEMMYS MUHLENBERGI (Schoepff)  
—Bogturtle.  
Barton & Price, 1955(3): 159 (survey)
- CLEMMYS MUHLENBERGI  
(continued)  
Committee on Common Names,  
1956(3): 177.  
Robinson, 1956(4): 257 (W. Conn.)  
Hutchison, 1963(1): 156 (SW. Va.)
- CNEMIDOPHORUS Wagler  
—Whiptails and Racerunners.  
Committee on Common Names,  
1956(3): 178.  
Zweifel, 1961(1): 113 (incubation  
of eggs)  
Betz, 1963(4): 692 (ovarian  
morphol.)  
Schmidt, 1964(3): 545 (Cochlea)
- CNEMIDOPHORUS ANGUSTICEPS  
ANGUSTICEPS Cope, 1877.  
Duellman & Klass, 1964(2): 312  
(Yucatan)  
Beargie & McCoy, 1964(3): 561  
(variation & relationship)
- CNEMIDOPHORUS ANGUSTICEPS  
PETENENSIS Beargie &  
McCoy, 1964.  
Beargie & McCoy, 1964(3): 565.  
(Guatemala)
- CNEMIDOPHORUS BILOBATUS  
Taylor, 1941.  
Etheridge, 1958(4): 99 (Pliocene-  
Kansas)
- CNEMIDOPHORUS BURTI Taylor,  
1936.  
Beargie & McCoy, 1964(3): 568.
- CNEMIDOPHORUS CALIDIPES  
Duellman, 1955.  
Duellman, 1958(1): 49 (Mex.)  
Duellman, 1960(2): 97 (Mex. - var.,  
distrib. & ecol.)  
Beargie & McCoy, 1964(3): 568.
- CNEMIDOPHORUS CERALENSIS  
VanDenburgh & Slevin  
Soulé, 1963(1): 108.  
(thermoregulation)
- CNEMIDOPHORUS COMMUNIS  
COMMUNIS Cope.  
Duellman, 1960(2): 100.  
Zweifel, 1961(1): 98 (tax.)  
Beargie & McCoy, 1964(3): 561, 568.
- CNEMIDOPHORUS COSTATUS  
Cope, 1877.  
Zweifel, 1961(1): 98 (Tax - W.  
Mexico)  
Beargie & McCoy, 1964(3): 568.
- CNEMIDOPHORUS COSTATUS HUICO  
Zweifel, 1961.  
Zweifel, 1961(1): 100.

- CNEMIDOPHORUS COSTATUS**  
**OCCIDENTALIS** Zweifel, 1961.  
 Zweifel, 1961(1): 98-99, 103 (Mexico)
- CNEMIDOPHORUS COZUMELUS**  
**COZUMELUS** Gadow, 1906.  
 McCoy & Maslin, 1962(3): 620-622  
 (Mexico)  
 Duellman & Klaas, 1964(2): 312  
 (Yucatan)
- CNEMIDOPHORUS COZUMELUS**  
**RODECKI** McCoy & Maslin, 1962.  
 McCoy & Maslin, 1962(3): 624  
 (Mexico)
- CNEMIDOPHORUS DEPPEI**  
**COZUMELUS** Gadow, 1906.  
 McCoy & Maslin, 1962(3): 620-624  
 (tax.)
- CNEMIDOPHORUS DEPPEI DEPPEI**  
 (Wiegmann)  
 Duellman, 1958(1): 49 (Mex.)  
 Duellman, 1960(2): 100.  
 McCoy & Maslin, 1962(3): 620.
- CNEMIDOPHORUS EXSANGUIS**  
 (Lowe)  
 Dessauer et al, 1962(4): 773.  
 Beargie & McCoy, 1964(3): 568.
- CNEMIDOPHORUS GADOVI**  
 Burger, 1950.  
 Zweifel, 1956(4): 260 (identity)
- CNEMIDOPHORUS GRAHAMI**  
 Baird & Girard  
 Hunsaker & Johnson, 1959(4): 313  
 (Pigm.)
- CNEMIDOPHORUS GULARIS**  
 Stuart, 1935.  
 Beargie & McCoy, 1964(3): 561,  
 565 (Syn.)
- CNEMIDOPHORUS HYPERYTHRUS**  
 Cope—Orange-throated Whiptail.  
 Committee on Common Names,  
 1956(3): 178.  
 Soule, 1963(1): 108 (thermoregulation)
- CNEMIDOPHORUS HYPERYTHRUS**  
**BELDINGI** (Cope)—Orange-  
 throated Whiptail.  
 Committee on Common Names,  
 1956(3): 178.
- CNEMIDOPHORUS INORNATUS**  
 Baird, 1858—Little striped  
 whiptail.  
 Lowe, 1955(1): 61 (New Mex.)  
 Smith, 1955(2): 135 (pallid - New Mex.)  
 Committee on Common Names,  
 1956(3): 178.  
 Zweifel, 1956(4): 260.  
 Milstead, 1957(3): 228 (Texas)  
 Axtell, 1961(2): 148, 151 (Valid name -  
 tax.)
- CNEMIDOPHORUS INORNATUS**  
 (continued)  
 Zweifel, 1962(4): 761.  
 Dessauer et al, 1962(4): 773.  
 Beargie & McCoy, 1964(3): 568.
- CNEMIDOPHORUS INORNATUS**  
**HEPTAGRAMMUS** Axtell, 1961.  
 Axtell, 1961(2): 153 (Mexico, W.  
 Texas & S. E. New Mex.)
- CNEMIDOPHORUS INORNATUS**  
**INORNATUS** Baird, 1858.  
 —Eight striped whiptail.  
 Axtell, 1961(2): 151 (tax.)
- CNEMIDOPHORUS LABIALIS** Stejn.  
 Zweifel, 1956(4): 260.
- CNEMIDOPHORUS LACERTOIDES**  
 Dum. & Bibr.  
 Milstead, 1961(4): 493 (S. Brazil)
- CNEMIDOPHORUS LINEATISSIMUS**  
**EXORISTUS** Duellman &  
 Wellman, 1960.  
 Duellman, 1960(2): 99 (Mexico)
- CNEMIDOPHORUS MEXICANUS**  
 Peters, 1869.  
 Beargie & McCoy, 1964(3): 568.
- CNEMIDOPHORUS MOTAGUAE**  
 Sackett, 1941.  
 Beargie & McCoy, 1964(3): 568.
- CNEMIDOPHORUS NEOMEXICANUS**  
 Lowe & Zweifel, 1952—New  
 Mexico whiptail  
 Lowe, 1955(1): 61 (New Mex.)  
 Lawrence, 1955(2): 141 (Texas)  
 Committee on Common Names,  
 1956(3): 178.
- CNEMIDOPHORUS OCTOLINEATUS**  
 Baird, 1858.  
 Axtell, 1961(2): 148 (type)
- CNEMIDOPHORUS PARVISOCIUS**  
 Zweifel, 1960.  
 Duellman, 1960(2): 98 (Mexico)  
 Beargie & McCoy, 1964(3): 568.
- CNEMIDOPHORUS PERPLEXUS**  
 Baird & Girard, 1852—Devil's  
 River whiptail.  
 Committee on Common Names,  
 1956(3): 178.  
 Milstead, 1957(3): 228 (nomencl. -  
 S. W. Texas)  
 Hunsaker & Johnson, 1959(4): 313  
 (Pigm.)  
 Axtell, 1961(2): 149, 153 (Tax.)  
 Wright & Degenhardt, 1962(1): 210  
 (type loc. - New Mexico)  
 Zweifel, 1962(4): 761.  
 Beargie & McCoy, 1964(3): 568.
- CNEMIDOPHORUS SACKI** Wiegmann  
 —Spotted whiptail

## CNEMIDOPHORUS SACKI (continued)

- Lowe, 1955(1): 61 (New Mex.)  
Committee on Common Names,  
1956(3): 178.  
Stuart, 1957(2): 93 (Distrib.)  
Milstead, 1957(3): 228  
Hunsaker & Johnson, 1959(4): 313  
(Pigm.)  
Duellman, 1960(2): 97.  
Zweifel, 1961(1): 98 (W. Mexico)  
Peters, 1961(3): 352 (Type loc.)  
Beargie & McCoy, 1964(3): 561.  
CNEMIDOPHORUS SACKI  
ANGUSTICEPS (Cope)  
Beargie & McCoy, 1964(3): 565 (syn.)  
CNEMIDOPHORUS SACKI AUSTRALIS  
Gadow  
Duellman, 1960(2): 100.  
CNEMIDOPHORUS SACKI COMMUNIS  
(Cope)  
Peters, 1961(3): 353 (Type loc.)  
CNEMIDOPHORUS SACKI COPEI  
Gadow  
Duellman, 1958(1): 49 (Mex.)  
CNEMIDOPHORUS SACKI EXSANGUIS  
Lowe, 1956.  
Axtell, 1961(2): 149 (tax.)  
CNEMIDOPHORUS SACKI GULARIS  
Baird & Girard—Eastern spotted  
whiptail.  
Committee on Common Names,  
1956(3): 178.  
Milstead, 1961(4): 493.  
CNEMIDOPHORUS SACKI HUICO  
Zweifel, 1959.  
Zweifel, 1961(1): 98.  
CNEMIDOPHORUS SACKI INNOTATUS  
Burger—Plateau whiptail  
Committee on Common Names,  
1956(3): 178.  
CNEMIDOPHORUS SACKI OC-  
CIDENTALIS (Gadow)  
Zweifel, 1961(1): 98.  
CNEMIDOPHORUS SACKI SCALARIS  
Cope  
Zweifel, 1961(1): 98.  
CNEMIDOPHORUS SACKI SEMI-  
FASCIATUS Cope—Big bend  
whiptail.  
Committee on Common Names,  
1956(3): 178.  
Axtell, 1961(2): 149 (tax.)  
CNEMIDOPHORUS SACKI STICTOGRAM-  
MUS Burger, 1950—Arizona  
whiptail.  
Committee on Common Names,  
1956(3): 178.

## CNEMIDOPHORUS SACKI

- XANTHONOTUS Duellman &  
Lowe, 1953—Red-backed  
whiptail.  
Committee on Common Names,  
1956(3): 178.  
CNEMIDOPHORUS SCALARIS (Cope)  
Zweifel, 1961(1): 98.  
Beargie & McCoy, 1964(3): 568.  
CNEMIDOPHORUS SEXLINEATUS  
Linn.—Eastern Race Runner;  
whiptailed lizard.  
Lowe, 1955(1): 61 (New Mexico)  
Allen & Neill, 1955(1): 64 (Fla.)  
Committee on Common Names,  
1956(3): 178.  
Minton & Bechtel, 1958(1): 47  
(S. Indiana)  
Etheridge, 1958(2): 99 (Pleistocene)  
Telford, 1959(2): 111 (Fla.)  
Hunsaker & Johnson, 1959(4): 313  
(Pigm.)  
Zweifel, 1961(1): 98.  
Ferguson, 1961(4): 393 (Miss.)  
Milstead, 1961(4): 493.  
Dessauer et al, 1962(4): 773.  
Cole, 1963(2): 415.  
Beargie & McCoy, 1964(3): 561.  
CNEMIDOPHORUS SEXLINEATUS  
GULARIS (Baird & Girard)  
Axtell, 1961(2): 149, 151 (Tax.)  
CNEMIDOPHORUS SEXLINEATUS  
PERPLEXUS (Baird & Girard)  
Axtell, 1961(2): 149, 151 (Tax.)  
CNEMIDOPHORUS TESSELLATUS  
(Say)—Checkered whiptail.  
Lowe, 1955(1): 61 (New Mex.)  
Lawrence, 1955(2): 141 (Texas)  
Hebard & Charipper, 1955(4): 305  
(phylogeny)  
Committee on Common Names,  
1956(3): 178.  
Hunsaker & Johnson, 1959(4): 313  
(Pigm.)  
Zweifel, 1962(4): 750.  
Dessauer et al, 1962(4): 773.  
CNEMIDOPHORUS TIGRIS Baird &  
Girard—Western or Desert  
whiptail lizard.  
Lowe, 1955(1): 61 (New Mex.)  
Committee on Common Names,  
1956(3): 178.  
Milstead, 1957(3): 228.  
CNEMIDOPHORUS TIGRIS AETHIOPS  
Cope—Black-breasted whiptail.  
Committee on Common Names,  
1956(3): 178.

- CNEMIDOPHORUS TIGRIS AETHIOPS**  
(continued)  
Zweifel, 1956(4): 261.  
Zweifel, 1962(4): 750.
- CNEMIDOPHORUS TIGRIS GRACILIS**  
Baird & Girard—Southern whiptail.  
Committee on Common Names,  
1956(3): 178.  
Zweifel, 1962(4): 749 (Hybrids -  
Ariz. - New Mexico)  
Dessauer et al, 1962(4): 767 (Electro-  
phoresis in hybrids)
- CNEMIDOPHORUS TIGRIS MAR-  
MORATUS** Baird & Girard —  
Marbled whiptail.  
Committee on Common Names,  
1956(3): 178.  
Zweifel, 1962(4): 749 (Hybrids -  
Ariz. - New Mexico)  
Dessauer et al, 1962(4): 767 (Electro-  
phoresis in hybrids)
- CNEMIDOPHORUS TIGRIS MAR-  
MORATUS X GRACILIS**  
Zweifel, 1962(4): 765 (New Mexico)  
Dessauer et al, 1962(4): 767 (Electro-  
phoresis)
- CNEMIDOPHORUS TIGRIS MULTI-  
SCUTATUS** Cope—Coastal  
whiptail.  
Committee on Common Names,  
1956(3): 178.
- CNEMIDOPHORUS TIGRIS MUNDUS**  
Camp—California whiptail.  
Committee on Common Names,  
1956(3): 179.
- CNEMIDOPHORUS TIGRIS SEPTENTRI-  
ONALIS** Burger—Northern  
whiptail.  
Committee on Common Names,  
1956(3): 179.  
Zweifel, 1962(4): 764 (Texas)
- CNEMIDOPHORUS TIGRIS TIGRIS**  
Baird & Girard—Great Basin  
whiptail.  
Committee on Common Names,  
1956(3): 178.  
Zweifel, 1962(4): 764 (Texas)
- CNEMIDOPHORUS TIGRIS VARIOLOSUS**  
Cope  
Zweifel, 1962(4): 764 (Mexico)
- CNEMIDOPHORUS VELOX** (Springer)  
—Plateau whiptail.  
Committee on Common Names,  
1956(3): 179.  
Beargie & McCoy, 1964(3): 568.
- COLEONYX** Gray—Banded Geckos.  
Committee on Common Names,  
1956(3): 179.
- COLEONYX** (continued)  
Underwood, 1957(1): 28.
- COLEONYX VARIEGATUS** (Baird)  
—Banded Gecko.  
Committee on Common Names,  
1956(3): 179.  
Hunsaker & Johnson, 1959(4): 313  
(Pigm.)  
Zweifel, 1962(4): 761.  
Schmidt, 1964(3): 548 (Cochlea)
- COLEONYX VARIEGATUS ABBOTTI**  
Klauber, 1945—San Diego Banded  
Gecko.  
Committee on Common Names,  
1956(3): 179.
- COLEONYX VARIEGATUS BOGERTI**  
Klauber, 1945—Tucson Banded  
Gecko.  
Committee on Common Names,  
1956(3): 179.
- COLEONYX VARIEGATUS BREVIS**  
Stejn. —Texas Banded Gecko.  
Committee on Common Names,  
1956(3): 179.
- COLEONYX VARIEGATUS UTAHENSIS**  
Klauber—Utah Banded Gecko.  
Committee on Common Names,  
1956(3): 179.
- COLEONYX VARIEGATUS VARIEGA-  
TUS** (Baird)—Desert Banded  
Gecko.  
Committee on Common Names,  
1956(3): 179.
- COLLECTING TECHNIQUES**  
Neill, 1956(2): 123 (device for coll.  
lizards)  
Eakin, 1957(2): 148 (copper wire for  
noosing lizards)  
Heath, 1961(4): 491 (trailing device  
for Gila monster)  
Shaw, 1962(3): 644 (radio spot an-  
nouncements to local populace)
- COLUBER** Linn.—Racers.  
Committee on Common Names,  
1956(3): 181.  
Stuart, 1957(2): 92 (Distrib.)
- COLUBER ACUMINATUS** (Cope)  
Auffenberg, 1955(1): 65 (Fossil-  
status)
- COLUBER COBELLA** Linn., 1754  
Emsley, 1963(3): 578 (Tax. -  
genotype of *Liophis*)
- COLUBER CONSTRICTOR** (Linn.)  
—Racer.  
Committee on Common Names,  
1956(3): 181.
- COLUBER CONSTRICTOR ANTHICUS**  
Cope—Buttermilk snake.

**COLUBER CONSTRICTOR ANTHICUS**  
(continued)

Committee on Common Names,  
1956(3): 181.

**COLUBER CONSTRICTOR CONSTRICTOR** (Linn.)—Northern black racer.

Auffenberg, 1955(1): 65.

Brattstrom, 1955(2): 139

(Pleistocene - Calif.)

Committee on Common Names,  
1956(3): 181.

Manville, 1957(4): 309 (Mont. -  
Glacier Nat. Pk.)

Holman, 1958(4): 278 (Pleistocene-  
Fla.)

Holman, 1959(2): 100 (Pleistocene-  
Fla.)

Klimstra, 1959(3): 210 (Food - S. Ill.)

Holman, 1960(1): 58 (Indiana)

Ferguson, 1961(4): 394 (Miss.)

Holman, 1962(2): 259.

**COLUBER CONSTRICTOR FLAVIVENTRIS** (Say)—Eastern yellow-bellied racer.

Committee on Common Names,  
1956(3): 181.

Olson, 1956(3): 189 (Ill.)

Manville, 1957(4): 309.

Holman, 1960(1): 58.

Clarke & Marx, 1960(3): 237 (Electro-  
cardiography)

**COLUBER CONSTRICTOR FOXI**  
(Baird & Girard)—Blue racer.

Committee on Common Names,  
1956(3): 181.

**COLUBER CONSTRICTOR HELVIGULARIS** Auffenberg, 1955—Brown-chinned racer.

Committee on Common Names,  
1956(3): 181.

**COLUBER CONSTRICTOR MORMON**  
(Baird & Girard)—Western yellow-bellied racer.

Committee on Common Names,  
1956(3): 181.

Manville, 1957(4): 309.

Van deVelde et al, 1962(1): 212  
(eggs & hatchlings, Ore.)

**COLUBER CONSTRICTOR PALUDICOLA** Auffenberg & Babbitt—Everglades racer.

Committee on Common Names,  
1956(3): 181.

**COLUBER CONSTRICTOR PRIAPUS**  
Dunn—Southern black racer.

Committee on Common Names,  
1956(3): 181.

**COLUBER CONSTRICTOR PRIAPUS**  
(continued)

Telford, 1959(2): 111 (Fla.)

Holman, 1960(1): 58.

Ferguson, 1961(4): 394 (Miss.)

**COLUBER CONSTRICTOR STEJNEGERIANUS** (Cope)—Rio Grande racer.

Committee on Common Names,  
1956(3): 181.

**COLUBER DUMFRISIENSIS**

Sowerby, 1804

Neill, 1957(2): 141 (Type loc.)

**COLUBER ENGANENSIS** Vinciguerra

Dowling, 1958(1): 38 (Tax.)

**COLUBER ERYTHROGRAMMUS**

Latreille, 1802

Neill, 1957(2): 141 (Type loc.)

**COLUBER FASCIATUS** Rosén

Hardy, 1964(4): 714.

**COLUBER FLAGELLUM** (Shaw)

Allen & Neill, 1955(1): 64 (Fla.)

**COLUBER FLAGELLUM FRENATUM**  
(Stejn.)

Hunsaker & Johnson, 1959(4): 314  
(Pigm.)

**COLUBER FLAVIVENTRIS** Say  
Klimstra, 1959(3): 210.

**COLUBER NAJADUM** (Eichwald)

Watson, 1962(2): 318.

**COLUBER ORDINATUS** Linn.

Rossman, 1962(4): 741 (Syn.)

**COLUBER OXYCEPHALUS** Boie,  
1827.

Dowling, 1958(1): 38. (Tax.)

**COLUBER PARIETALIS** Say, 1823

Rossman, 1962(4): 741 (Syn.)

**COLUBER PRIAPUS** (Dunn & Wood)

Klimstra, 1959(3): 211.

**COLUBER PROXIMUS** Say, 1823

Rossman, 1962(4): 741 (Syn.-Nebr.)

**COLUBER QUATUORLINEATA**

Lacépède, 1789

Dowling, 1958(1): 38 (Tax.)

**COLUBER RIGIDUS** Say, 1825

Huheey, 1959(4): 303 (Syn.)

**COLUBER SAURITA** Linn.

Rossman, 1962(4): 741 (Syn.)

**COLUBER TAENIATUS TAENIATUS**

(Hallowell)

Svihla, 1955(1): 65 (Status)

**COLUBER VENTROMACULATUS**

Gray

Weber, 1960(2): 154 (Iraq.)

**COLUBRIDAE**

Underwood, 1957(1): 28.

Dunn & Dowling, 1957(4): 260.

Dowling, 1959(1): 40 (Classification)



## COLUBRIDAE (continued)

- Donoso - Barros, 1961(4): 487 (Chile)  
 Holman, 1962(2): 258 (Pleistocene)  
 Holman, 1964(4): 637.

## COMMON NAMES

- Committee on Common Names,  
 1956(3): 172-185 (Amphibians &  
 Reptiles)

## CONIOPHANES Hallowell—Black-striped snakes.

- Committee on Common Names,  
 1956(3): 181.  
 Stuart, 1957(2): 91 (Distrib. routes)  
 CONIOPHANES FRANGIVIRGATUS  
 Peters, 1950

Martin, 1955(3): 173-177  
 (Tamaulipas, Mexico)  
 CONIOPHANES IMPERIALIS IM-  
 PERIALIS Baird—Black-  
 striped snake.

- Committee on Common Names,  
 1956(3): 181.

## CONIOPHANES PICEIVITTIS Cope

- Martin, 1955(3): 177.  
 CONOLOPHUS Fitzinger

Etheridge, 1964(4): 630 (Skeleton)  
 CONOPHIS Peters

- Stuart, 1957(2): 93 (Distrib.)  
 CONSTRICTOR Laurenti  
 Stuart, 1957(2): 94 (Distrib.)  
 Dowling, 1959(1): 44.

## CONSTRICTOR CONSTRICTOR CONSTRICTOR (Linn.)

- Clarke & Marx, 1960(3): 238  
 (Electrocardiography)  
 Reynolds, 1961(3): 353 (Longevity)  
 CONSTRICTOR OROPHIAS (Linn.)  
 Emsley, 1963(3): 577.

## CONTIA Baird &amp; Girard

- Sharp-tailed snake.  
 Committee on Common Names,  
 1956(3): 181.

## CONTIA TENUIS (Baird &amp; Girard)

- Sharp-tailed snake.  
 Committee on Common Names,  
 1956(3): 181.

## COPHOPHRYNE Boul, 1887

- Myers & Leviton, 1962(2): 288 (Tax.)

## COPHOSAURUS TEXANA

- (Troschel, 1852)  
 Earle, 1961(4): 409 (Syn.)

## CORALLUS ANNULATUS (Cope)

- Perkins, 1955(3): 262 (Longevity - PZ)  
 CORALLUS CANINUS (Linn.)

## CORALLUS ENYDRIS COOKI Gray

- Shaw, 1962(2): 438 (Longevity - SDZ)  
 CORALLUS ENYDRIS COOKI Gray  
 Perkins, 1955(3): 262 (Longevity -  
 SDZ)

## CORDYLIDAE

- Underwood, 1957(1): 20  
 (Systematics)

## CORDYLUS CATAPHRACTUS (Gray)

- Schmidt, 1964(3): 545 (Cochlea)

## CORDYLUS CORDYLUS RUBRA

- Bustard, 1963(2): 434 (S. Afr.)

## CORNUFER CORNUTUS Taylor, 1922.

- Brown & Alcala, 1963(4): 672  
 (Philipp. Isl.)

## CORNUFER CORRUGATUS

- Dum. 1853  
 Brown & Alcala, 1963(4): 675  
 (Bohol, Philipp. Isl.)  
 Brown & Inger, 1964(2): 450 (Tax.)

## CORNUFER DORSALIS A. Dum., 1853.

- Brown & Inger, 1964(2): 450 (Tax.)

## CORNUFER GUENTHERI Boul.

- Alcala, 1962(4): 680-681, 699.

## (Philipp. Isl.)

- Brown & Alcala, 1963(4): 673

## (Bohol, Philipp. Isl.)

## CORNUFER GUPPYI Boul., 1884

- Brown & Inger, 1964(2): 450.

## CORNUFER HAZELAE (Taylor)

- Alcala, 1962(4): 681, 701.

## (Philipp. Isl., Negros)

- Brown & Alcala, 1963(4): 672

## (Philipp. Isl.)

## CORNUFER INGERI Brown &amp; Alcala

- Brown & Alcala, 1963(4): 672.

## (Bohol. Isl., Philippines)

## CORNUFER LATICEPS Taylor, 1920

- Brown & Inger, 1964(2): 451 (Syn.)

## CORNUFER MEYERI (Günther)

- Alcala, 1962(4): 681, 705. (Negros,

## Philipp. Isl.)

- Brown & Alcala, 1963(4): 675

## (Bohol, Philipp. Isl.)

- Brown & Inger, 1964(2): 451.

## CORNUFER MONTANUS Taylor, 1922.

- Brown & Alcala, 1963(4): 672.

## CORNUFER PAPUENSIS (Meyer)

- Brown & Inger, 1964(2): 450.

## CORNUFER PELEWENSIS Peters

- Alcala, 1962(4): 721.

## CORNUFER POLLILENSIS Taylor, 1922.

- Brown & Alcala, 1963(4): 674

## (Philipp. Isl.)

## CORNUFER SUBTERRESTRIS

- Taylor, 1922

## Brown &amp; Alcala, 1963(4): 672

## (Philipp. Isl.)

- CORNUFER VITIENSIS** Girard  
Brown & Inger, 1964(2): 450 (Fiji. Isl.)
- CORNUFER WORCESTERI** Stejneger  
Brown & Alcalá, 1963(4): 674.
- CORONELLA MEXICANA** Günther,  
1893.  
Gehlbach & Baker, 1962(2): 298 (Syn.)
- CORYTHOPHANES** Gray  
Stuart, 1957(2): 91 (Distrib. routes)  
Etheridge, 1964(4): 624 (Skeleton)
- CORYTHOPHANES CRISTATUS** Gray  
Hairston, 1957(4): 263.
- COSYMBOTUS PLATYURUS**  
(Schneider)—House geckos.  
Brown & Alcalá, 1957(1): 39 (ex-  
posure to sea water)  
Church, 1962(2): 262 (reproductive  
cycle - Java)
- CRAUGASTOR** Cope, 1862  
Myers, 1962(1): 197 (Tax.)
- CRENADACTYLUS** Dixon & Kluge,  
1964.  
Dixon & Kluge, 1964(1): 174  
(Australia)
- CRENADACTYLUS OCELLATUS**  
(Gray)  
Dixon & Kluge, 1964(1): 174  
(Australia)
- CRICOLEPIS** Boul., 1890  
Savage, 1964(3): 537 (Syn.)
- CRICOLEPIS TYPICA** Boul. 1890  
Savage, 1964(3): 537 (Syn.)
- CRICOSAURA** Gundlach &  
Peters, 1863  
Savage, 1964(3): 536 (Tax.)
- CRICOSAURA TYPICA** Gundlach &  
Peters, 1863—Cuban night lizard.  
Savage, 1964(3): 536 (Cuba - Tax.)
- CRICOSAURINAE** Savage, 1963  
Savage, 1964(3): 536 (Subfam.)
- CROCODYLUS** Laurenti—Crocodyles  
Committee on Common Names,  
1956(3): 178.  
Betz, 1963(4): 692 (Ovarian morphol.)
- CROCODYLUS ACUTUS** Cuvier, 1807  
—American crocodile.  
Medem & Marx, 1955(1): 2 (Artif.  
key)  
Committee on Common Names,  
1956(3): 178.
- CROCODYLUS INTERMEDIUS**  
Graves, 1819  
Medem & Marx, 1955(1): 1 (Artif.  
key)
- CROCODYLUS MORELETI** C. & A.  
Duméril, 1851.  
Medem & Marx, 1955(1): 2 (Artif.  
key)
- CROCODYLUS NILOTICUS** Laurenti  
Richardson & Livingston, 1962(1):  
203 (Attacks boat)  
Jackson, 1962(1): 204 (Attacks boat)
- CROCODYLUS RHOMBIFER**  
Cuvier, 1807  
Medem & Marx, 1955(1): 1 (Artif.  
key)
- CROTALUS** Linn.—Rattlesnakes.  
Committee on Common Names,  
1956(3): 181.  
Betz, 1962(2): 285 (anesthesia)  
Betz, 1963(4): 692 (Ovarian morphol.)  
Holman, 1964(4): 637.
- CROTALUS ADAMANTEUS** Beauvois  
—Eastern diamondback rattle-  
snake.  
Allen & Neill, 1955(1): 64 (Fla.)  
Perkins, 1955(3): 262 (Longevity -  
NCM)  
Committee on Common Names,  
1956(3): 181.  
Parrish & Thompson, 1958(2): 84  
(Bites)  
Holman, 1958(4): 278 (Pleistocene -  
Fla.)  
Russell & Emery, 1959(1): 73  
(zootoxicology —chicks)  
Holman, 1959(2): 100 (Pleistocene -  
Fla.)  
Telford, 1959(2): 111 (Fla.)  
Shaw, 1959(4): 337 (Longevity -  
SDZ)  
Emery & Russell, 1961(3): 322-323  
(venom)  
Strauss & Grunbaum, 1961(4): 488  
(venom)  
Emory & Gray, 1962(1): 208  
(venom - chicks)  
Shaw, 1962(2): 438 (Longevity -  
SDZ)
- CROTALUS ATROX** Baird & Girard  
—Western diamondback rattle-  
snake.  
Perkins, 1955(3): 262 (longevity -  
SDZ)  
Campbell, 1956(2): 125 (New Mexico)  
Committee on Common Names,  
1956(3): 181.  
Cowles, 1956(4): 212 (sidewinding)  
Shaw, 1957(1): 50 (longevity - SDZ)  
Minton, 1957(4): 265 (yield &  
toxicity of venom)  
Shaw, 1957(4): 310 (longevity -  
SDZ)  
Cowles & Phelan, 1958(2): 77  
(olfaction)  
Goodman, 1958(2): 149.

**CROTALUS ATROX** (continued)

Shaw, 1958(3): 221 (longevity - SDZ)

Russell &amp; Emery, 1959(1): 73 (zootoxicology - chicks)

Shaw, 1959(4): 337 (longevity - SDZ)

Clarke, 1961(4): 422.

Tinkle, 1962(2): 306 (reprod.

potential &amp; cycles - Texas)

Shaw, 1962(2): 438 (longevity - SDZ)

**CROTALUS BASILISCUS BASILISCUS**

Cope

Perkins, 1955(2): 262 (longevity - SDZ)

**CROTALUS CERASTES** Hallowell

—Sidewinder.

Committee on Common Names, 1956(3): 181.

Cowles, 1956(4): 211 (Sidewinding locom.)

Cowles &amp; Phelan, 1958(2): 79 (olfaction)

Strauss &amp; Grunbaum, 1961(4): 489 (venom)

**CROTALUS CERASTES CERASTES**

Hallowell—Mojave Desert sidewinder.

Committee on Common Names 1956(3): 181.

**CROTALUS CERASTUS CERCO-****BOMBUS** Savage & Cliff

—Sonora sidewinder.

Committee on Common Names, 1956(3): 181.

**CROTALUS CERASTES LATERORE-****PENS** Klauber—Colorado Desert sidewinder.

Perkins, 1955(3): 262 (longevity - SDZ)

Committee on Common Names, 1956(3): 181.

**CROTALUS CONCOLOR** Jan, 1859

Woodbury, 1958(2): 151 (Nom. nud.)

**CROTALUS CONCOLOR** Woodbury,

1929. — Yellow rattlesnake.

Woodbury, 1958(2): 151 (Tax.)

**CROTALUS DURISSUS DURISSUS**

Linn.

Martin, 1955(3): 173 (Tamanlipis, Mexico)

Perkins, 1955(3): 262 (longevity - SLZ)

Minton, 1957(4): 266.

**CROTALUS GIGANTEUS** Brattstrom,

1954.

Holman, 1958(4): 278 (Pleistocene-Fla.)

**CROTALUS HORRIDUS** Linn.

— Timber rattlesnake.

Committee on Common Names, 1956(3): 181.

**CROTALUS HORRIDUS ATRICAU-****DATUS** (Latrielle)—Canebrake rattlesnake.

Committee on Common Names, 1956(3): 181.

Shaw, 1957(4): 310 (longevity - SDZ)

Parrish &amp; Thompson, 1958(2): 83-84 (rattlesnake bites)

Shaw, 1958(3): 221 (longevity - SDZ)

Shaw, 1959(4): 337 (longevity - SDZ)

Hackenbrock &amp; Finster, 1963(2): 441 (Fluothane)

**CROTALUS HORRIDUS HORRIDUS**

Linn. — Timber rattlesnake.

Triplehorn, 1955(3): 249 (Ohio - young)

Perkins, 1955(3): 262 (longevity - SDZ)

Committee on Common Names, 1956(3): 181.

Shaw, 1957(4): 310 (longevity - HPL Mus)

Shaw, 1958(3): 221 (longevity - NCM)

Russell &amp; Emery, 1959(1): 73 (zootoxicology - chicks)

Stewart, Larson &amp; Matthews, 1960(4): 366 (morph. var.)

Shaw, 1962(2): 438 (longevity - CC)

Hackenbrock &amp; Finster, 1963(2): 441

Fitch, 1963(4): 650 (Kansas)

**CROTALUS INTERMEDIUS**

Troschel

Axtell &amp; Sabath, 1963(1): 161 (Mexico)

**CROTALUS LEPIDUS** Kennicott

— Rock rattlesnake.

Committee on Common Names, 1956(3): 181.

**CROTALUS LEPIDUS KLAUBERI**

Gloyd—Banded rock rattlesnake.

Committee on Common Names, 1956(3): 181.

**CROTALUS LEPIDUS LEPIDUS**

Kennicott—Mottled rock rattlesnake.

Martin, 1955(3): 173 (Tamaulipas, Mexico)

Dixon, 1956(2): 126 (Texas)

Committee on Common Names, 1956(3): 181.

- CROTALUS MITCHELLI** (Cope)  
—Speckled rattlesnake.  
Committee on Common Names,  
1956(3): 181.  
Cowles, 1956(4): 213 (Sidewinding)
- CROTALUS MITCHELLI PYRRHUS**  
Stejn. —Southwestern Speckled  
rattlesnake.  
Perkins, 1955(3): 262 (Longevity -  
SDZ)  
Committee on Common Names,  
1956(3): 181.
- CROTALUS MITCHELLI STEPHENSI**  
Klauber —Panamint rattlesnake.  
Committee on Common Names,  
1956(3): 181.
- CROTALUS MOLOSSUS** Baird &  
Girard —Black-tailed rattlesnake.  
Committee on Common Names,  
1956(3): 181.
- CROTALUS MOLOSSUS MOLOSSUS**  
Baird & Girard —Northern  
black-tailed rattlesnake.  
Committee on Common Names,  
1956(3): 181.
- CROTALUS PRICEI** VanDenburg  
—Twin-spotted rattlesnake.  
Committee on Common Names,  
1956(3): 181.
- CROTALUS PRICEI MIQUIHUANUS**  
Gloyd  
Axtell & Sabath, 1963(1): 161  
(Mexico)
- CROTALUS PRICEI PRICEI**  
Van Denburgh —Twin-spotted  
rattlesnake.  
Committee on Common Names,  
1956(3): 181.  
Axtell & Sabath, 1963(1): 163-164.
- CROTALUS RUBER RUBER** (Cope)  
—Red diamond back rattlesnake.  
Perkins, 1955(3): 262 (Longevity -  
SDZ)  
Committee on Common Names,  
1956(3): 181.  
Shaw, 1957(1): 50 (Longevity -  
SDZ)  
Shaw, 1957(4): 310 (Longevity -  
SDZ)  
Cowles & Phelan, 1958(2): 77  
(Olfaction)  
Clarke & Marx, 1960(3): 238  
(electrocardiography)  
Clarke, 1961(4): 418 (Rept. of bite)  
Strauss & Grunbaum, 1961(4): 489  
(venom)
- CROTALUS SCUTULATUS SCUTU-  
LATUS** (Kennicott) —Mojave  
rattlesnake.  
Cook, 1955(2): 139 (Hybrids)  
Committee on Common Names,  
1956(3): 181.  
Cowles & Phelan, 1958(2): 77  
(Olfaction)
- CROTALUS SCUTULATUS SCUTU-  
LATUS X C. UNICOLOR**  
Shaw, 1962(2): 438 (Longevity -  
SDZ)
- CROTALUS STEJNEGERI** Dunn,  
1919.  
Axtell & Sabath, 1963(1): 161  
(Mexico)
- CROTALUS TIGRIS** Kennicott  
—Tiger rattlesnake.  
Committee on Common Names,  
1956(3): 181.
- CROTALUS TORTUGENSIS**  
Van Denburgh  
Perkins, 1955(3): 262 (Longevity -  
SDZ)  
Shaw, 1957(1): 50 (Longevity -  
SDZ)
- CROTALUS TRANSVERSUS** Taylor  
Axtell & Sabath, 1963(1): 161  
(Mexico)
- CROTALUS TRISERIATUS AQUILUS**  
Klauber  
Axtell & Sabath, 1963(1): 164.
- CROTALUS UNICOLOR** van Lidth  
de Jeude  
Perkins, 1955(3): 262 (Longevity -  
SDZ)  
Shaw, 1962(2): 438 (Longevity -  
SDZ)
- CROTALUS VIRIDIS** Raf.  
—Western rattlesnake.  
Committee on Common Names,  
1958(3): 181.
- CROTALUS VIRIDIS ABYSSUS**  
Klauber —Grand Canyon rattle-  
snake.  
Committee on Common Names,  
1956(3): 181.
- CROTALUS VIRIDIS CALIGINIS**  
Klauber  
Goodman, 1958(2): 149.
- CROTALUS VIRIDIS CERBERUS**  
(Coues)  
—Arizona black  
rattlesnake.  
Committee on Common Names,  
1956(3): 181.

**CROTALUS VIRIDIS CONCOLOR**

Woodbury

Woodbury, 1958(2): 151(Tax.)

**CROTALUS VIRIDIS DECOLOR**

Klauber—Midget faded rattlesnake.

Committee on Common Names,  
1956(3): 181.**CROTALUS VIRIDIS HELLERI** (Meek)

—Southern Pacific rattlesnake.

Perkins, 1955(3): 262 (Longevity -  
SDZ)Committee on Common Names,  
1956(3): 181.Shaw, 1957(1): 50 (Longevity -  
SDZ)Shaw, 1957(4): 310 (Longevity -  
SDZ)**CROTALUS VIRIDIS LUTOSUS**

Klauber—Great Basin rattlesnake.

Committee on Common Names,  
1956(3): 181.

Tinkle, 1962(2): 312.

**CROTALUS VIRIDIS NUNTIVS**

Klauber—Hopi rattlesnake.

Committee on Common Names,  
1956(3): 181.**CROTALUS VIRIDIS OREGANUS**

(Holbrook)—Northern Pacific rattlesnake.

Cook, 1955(2): 139 (Hybrids)

Committee on Common Names,  
1956(3): 181.

Tinkle, 1962(2): 312.

**CROTALUS VIRIDIS OREGANUS**

X C. S. SCUTULATUS

Cook, 1955(2): 139 (Hybrids)

**CROTALUS VIRIDIS VIRIDIS** Raf.

—Prairie rattlesnake.

Karlstrom & Cook, 1955(1): 57  
(anesthesia)Perkins, 1955(3): 262 (Longevity -  
SDZ)Campbell, 1956(2): 125 (New  
Mexico)Committee on Common Names,  
1956(3): 181.Shaw, 1957(1): 50 (Longevity -  
SDZ)Shaw, 1957(4): 310 (Longevity -  
SDZ)Cowles & Phelan, 1958(2): 77  
(Olfaction)Shaw, 1958(3): 221 (Longevity -  
SDZ)Shaw, 1958(4): 337 (Longevity -  
SDZ)**CROTALUS VIRIDIS VIRIDIS**

(continued)

Tinkle, 1962(2): 311.

Metter, 1963(1): 161 (encounter  
with porcupine)**CROTALUS WILLARDI** Meek

—Ridge-nosed rattlesnake.

Committee on Common Names,  
1956(3): 181.**CROTALUS WILLARDI AMABILIS**

Anderson, 1962

Anderson, 1962(1): 160 (Mexico)

**CROTALUS WILLARDI MERIDION-**

ALIS Klauber, 1949

Anderson, 1962(1): 160 (Mexico)

**CROTALUS WILLARDI SILUS**

Klauber, 1949

Anderson, 1962(1): 160 (Mexico)

**CROTALUS WILLARDI WILLARDI**

Meek—Arizona ridge-nosed rattlesnake.

Committee on Common Names,  
1956(3): 181.

Anderson, 1962(1): 160 (Arizona)

**CROTAPHYTUS** Holbrook

—Collared &amp; leopard lizards.

Committee on Common Names,  
1956(3): 179.

Etheridge, 1964(4): 630 (Skeleton)

**CROTAPHYTUS COLLARIS** (Say)

—Collared lizard.

Committee on Common Names,  
1956(3): 179.

Legler &amp; Fitch, 1957(4): 305

(Hibernation &amp; nests - Kansas)

Etheridge, 1958(2): 95 (Pleistocene-  
Kansas)Hunsaker & Johnson, 1959(4): 313  
(Pigm.)

Cole, 1963(2): 415.

Schmidt, 1964(3): 545 (Cochlea)

**CROTAPHYTUS COLLARIS AURI-**CEPS Fitch & Tanner—Yellow-  
headed Collared lizard.Committee on Common Names,  
1956(3): 179.**CROTAPHYTUS COLLARIS BAILEYI**(Stejn.)—Western Collared  
lizard.Committee on Common Names,  
1956(3): 179.**CROTAPHYTUS COLLARIS COLLARIS**

(Say)—Eastern Collared lizard.

Committee on Common Names,  
1956(3): 179.**CROTAPHYTUS RETICULATUS**Baird—Reticulate Collared  
lizard.

**CROTAPHYTUS RETICULATUS**

(continued)

Committee on Common Names,  
1956(3): 179.

Etheridge, 1958(2): 97.

Hunsaker & Johnson, 1959(4):  
313 (Pigm.)**CROTAPHYTUS WISLIZENI** Baird &  
Girard—Leopard lizard.Committee on Common Names,  
1956(3): 179.

Etheridge, 1958(2): 95 (Pleistocene)

Hunsaker & Johnson, 1959(4): 313  
(Pigm.)**CROTAPHYTUS WISLIZENI SILUS**(Stejn.)—Blunt-nosed Leopard  
lizard.Committee on Common Names,  
1956(3): 179.**CROTAPHYTUS WISLIZENI WIS-**

LIZENI Baird &amp; Girard

—Long-nosed Leopard lizard.

Committee on Common Names,  
1956(3): 179.**CRYPTOBATRACHUS** Ruthven

Starrett, 1960(4): 300.

**CRYPTOBATRACHUS FUHRMANI**

(Peracca)

Starrett, 1960(4): 304.

**CRYPTOBRANCHIDAE**Valentine, 1964(3): 583 (Gills &  
gill slits)**CRYPTOBRANCHUS** Leuchard

—Hellbenders.

Committee on Common Names,  
1956(3): 174.

Valentine &amp; Dennis, 1964(1): 199.

Valentine, 1964(3): 583 (Gills &  
gill slits)**CRYPTOBRANCHUS ALLEGANIENSIS**

ALLEGANIENSIS Daudin

—Hellbender.

Martof, 1955(3): 166 (Ga.)

Committee on Common Names,  
1956(3): 174.

Neill, 1957(1): 43 (Ga.)

Stein &amp; Smith, 1959(2): 178 (Ill.)

Ferguson, 1961(4): 392 (Miss.)

Tihen &amp; Chantell, 1963(3): 505.

**CRYPTOBRANCHUS ALLEGANIENSIS**

BISHOPI Grobman—Ozark

Hellbender.

Committee on Common Names,  
1956(3): 174.**CRYPTOBRANCHUS MCCALLI**

Tihen &amp; Chantell, 1963

Tihen &amp; Chantell, 1963(3): 507

(Pliocene - Nebraska)

**CTENOBLEPHARIS** Tschudi

Etheridge, 1964(4): 630 (Skeleton)

**CTENOCRANIUS** Melin, 1941

Myers, 1962(1): 198 (Tax.)

**CTENOCRANIUS KOKI** Melin, 1941

Myers, 1962(1): 198 (Tax.)

**CTENOSAURA** Wiegmann

Stuart, 1957(2): 92 (Distrib.)

Etheridge, 1964(4): 630 (Skeleton)

Norris &amp; Dawson, 1964(4): 642

(Adapt.)

**CTENOSAURA HEMILOPHA** (Cope)Shaw, 1962(3): 644 (Baja Calif.,  
Mex.)

Soulé, 1963(1): 108

(thermoregulation)

**CTENOSAURA PECTINATA**

(Wiegmann)

Duellman, 1958(1): 49 (Mex.)

Etheridge, 1962(3): 614.

**CYCLURA** Harlan

Etheridge, 1964(4): 630 (Skeleton)

**CYCLURA CARINATA** Harlan

Underwood, 1957(1): 23-24.

**CYLINDROPHIS** Wagler

Dowling, 1959(1): 43.

**D****DASIA SMARAGDINA** (Gray)

—Green Skink.

Hairston, 1957(4): 264.

**DASIA SMARAGDINA PHILIPPINICA**

Mertens, 1929

Brown &amp; Alcalá, 1957(1): 39

(exposure to sea water)

**DASYPELTINAE**

Dowling, 1959(1): 68

**DASYPELTIS** Wagler

Gans &amp; Richmond, 1957(4): 269

(warning behavior)

Minton &amp; Bechtel, 1958(1): 47

(Egg eating)

Dowling, 1959(1): 48.

Rabb &amp; Snedigar, 1960(1): 59.

Forcart, 1964(1): 224.

**DASYPELTIS FASCIATA**

Smith, 1849

Gans, 1960(2): 154 (Western limit  
of range)

Forcart, 1964(1): 224 (Tax.)

**DASYPELTIS INORNATA** A. Smith,  
1849.

Gans &amp; Richmond, 1957(4): 271

(anatomy)

**DASYPELTIS SCABRA** (Linn.)

—African snake.

Gans &amp; Richmond, 1957(4): 269

(Warning behavior - Tanganyika)



- DASYPELTIS SCABRA** (continued)  
 Dowling, 1959(1): 68.  
 Rabb & Snedigar, 1960(1): 59  
 (Feeding behavior)  
 Gans, 1960(2): 155.
- DASYPELTIS SCABRA LOVERIDGEI**  
 Mertens, 1954  
 Gans & Richmond, 1957(4): 269  
 (Warning behavior)
- DEIROCHELYS** Agassiz  
 —Chicken turtle.  
 Committee on Common Names,  
 1956(3): 177.  
 Holman, 1959(2): 100.
- DEIROCHELYS RETICULARIA**  
 (Latr.)—Chicken turtle.  
 Committee on Common Names,  
 1956(3): 177.
- DELMA** Gray  
 Underwood, 1957(1): 28.
- DEMANSIA** Gray  
 Betz, 1962(2): 284 (Effects of  
 surgical anesthesia)
- DENDRASPIIS** Fitzinger  
 Dowling, 1959(1): 49 (Dendroaspis)
- DENDROASPIS ANGUSTICEPS** Smith  
 —Green Mamba  
 Keegan et al, 1962(2): 314 (venom)
- DENDROASPIS VIRIDIS** (Hallowell)  
 Perkins, 1955(3): 262 (Longevity -  
 SLZ)
- DENDROBATES** Wagler  
 Stuart, 1957(2): 93 (Distrib.)
- DENDROBATES AURO - TAENIA**  
 Boulenger, 1913  
 Dunn, 1957(2): 78 (Tax.)
- DENDROBATES PICTUS** (Tschudi)  
 Dunn, 1957(2): 78 (Tax.)
- DENDROBATES RANVIDES** Boulenger  
 Dunn, 1957(2): 78 (Tax.)
- DENDROBATES TALAMANCAE**  
 Cope, 1875  
 Dunn, 1957(2): 78 (Tax.)
- DENDROBATES TINCTORIUS** Wagler  
 Dunn, 1957(2): 77 (Tax.)
- DENDROPHIS** Fitzinger  
 Betz, 1962(2): 284 (Effects of  
 surgical anesthesia)
- DENDROPHRYNISCUS** Espada  
 Tihen, 1960(3): 227.
- DENDROPHRYNISCUS RUBIVENTRIS**  
 Vellard  
 Cei, 1955(4): 291 (Argentina)
- DENDROPHRYNISCUS STELZNERI**  
 STELZNERI Weyenbergh  
 Cei, 1955(4): 291 (Argentina)  
 Tihen, 1960(3): 228.
- DENISONIA** Krefft  
 Betz, 1962(2): 284 (Effects of  
 surgical anesthesia)
- DENISONIA SUPERBA** (Günther)  
 Minton, 1957(4): 265.
- DERMATEMYS** Gray  
 Stuart, 1957(2): 91 (Distrib. routes)
- DERMOCHELYS** Blainville  
 —Leatherback turtles.  
 Committee on Common Names,  
 1956(3): 177.
- DERMOCHELYS CORIACEA** (Linn.)  
 —Leatherback.  
 Committee on Common Names,  
 1956(3): 177.
- DERMOCHELYS CORIACEA COR-**  
**IACEA** (Linn.)—Atlantic  
 leatherback.  
 Committee on Common Names,  
 1956(3): 177.  
 Allen & Neill, 1957(2): 143-144  
 (Nesting on Fla. coast)  
 Leary, 1957(3): 232 (Texas -  
 schooling)  
 Mowbray & Caldwell, 1958(2): 148  
 (Bermuda)  
 Mansueti, 1963(1): 73.  
 Moulton, 1963(2): 434 (Maine)
- DERMOCHELYS CORIACEA**  
 SCHLEGELI Garman  
 —Pacific Leatherback Turtle.  
 Lowe & Norris, 1955(3): 256  
 (Calif., - measur. & weight)  
 Committee on Common Names,  
 1956(3): 177.  
 MacAskie & Forrester, 1962(3):  
 646 (B. C.)
- DERMOPHIS LARVATUS** Ahl, 1934  
 Parker, 1958(2): 71 (status)
- DERMOPHIS SECHELLENSIS**  
 Boulenger  
 Parker, 1958(2): 71.
- DESMOGNATHUS** Baird  
 —Dusky salamanders.  
 Committee on Common Names,  
 1956(3): 174  
 Highton, 1961(1): 65.  
 Highton, 1962(3): 601.  
 Salthe & Salthe, 1964(3): 575.  
 Valentine, 1964(3): 583 (Gills &  
 gill slits)
- DESMOGNATHUS AEENEUS** Brown &  
 Bishop—Cherokee salamander  
 Martof & Humphries, 1955(3): 245  
 (Ga.)  
 Committee on Common Names,  
 1956(3): 174.

- DESMOGNATHUS AENEUS  
(continued)  
Neill, 1957(1): 44 (Ga.)
- DESMOGNATHUS AURICULATUS  
(Holbrook)  
Valentine, 1963(1): 130, 132  
(Miss.)
- DESMOGNATHUS BRIMLEYORUM  
(Stejn.)  
Valentine, 1963(1): 130 (Restricted  
to Ouachita Mts., Ark. & Okla.)
- DESMOGNATHUS CAROLINENSIS  
Dunn  
Valentine, 1963(1): 135 (Fimbriae  
counts)
- DESMOGNATHUS CARRI Neill  
Telford, 1959(2): 113 (Fla.)
- DESMOGNATHUS CHERMOCKI  
Bishop & Valentine  
—Alabama salamander  
Committee on Common Names,  
1956(3): 174.  
Valentine, 1963(1): 135 (Fimbriae  
counts)
- DESMOGNATHUS CONANTI Rossman  
Valentine, 1963(1): 135 (Fimbriae  
counts)
- DESMOGNATHUS FUSCUS (Raf.)  
—Dusky Salamander.  
Committee on Common Names,  
1956(3): 174.  
Stewart, 1958(2): 190 (Dentition)  
Highton, 1961(1): 67.  
Uzzell, 1961(1): 85 (Calcification)  
Rose & Dobie, 1963(3): 564 (Coastal  
Plain - Alabama)
- DESMOGNATHUS FUSCUS AURICU-  
LATUS (Holb.)  
—Southern Dusky Salamander  
Martof, 1955(3): 167  
Committee on Common Names,  
1956(3): 174  
Neill, 1957(1): 46 (Ga.)  
Cooper, 1962(1): 212 (S. C.)  
Valentine, 1963(1): 130, 132.  
(Miss. - syn.)
- DESMOGNATHUS FUSCUS BRIMLE-  
YORUM Stejneger—  
Central Dusky Salamander  
Committee on Common Names,  
1956(3): 174.  
Neill, 1957(1): 46 (Ga.)  
Valentine, 1963(1): 130.
- DESMOGNATHUS FUSCUS CARRI  
Neill—Peninsula Dusky  
Salamander.  
Committee on Common Names,  
1956(3): 174.
- DESMOGNATHUS FUSCUS CARRI  
(continued)  
Valentine, 1963(1): 130, 132 (Syn.)
- DESMOGNATHUS FUSCUS CONANTI  
Rossman  
Valentine, 1963(1): 137.
- DESMOGNATHUS FUSCUS FUSCUS  
(Raf.) —Northern Dusky  
Salamander.  
Martof, 1955(3): 167 (Ga.)  
Reed, 1955(3): 253 (Conn.)  
Committee on Common Names,  
1956(3): 174.  
Neill, 1957(1): 43.  
Cook & Bleakney, 1960(4): 362  
(New Brunswick)  
Valentine, 1961(3): 318.  
Martof & Rose, 1962(1): 215 (Va.)  
Dent & Kirby-Smith, 1963(1): 121  
(Metamorph.)  
Valentine, 1963(1): 130 (Miss.)  
Valentine, 1963(1): 135 (Fimbriae  
counts)  
Organ & Lowenthal, 1963(4): 659-  
660 (Spermatophore)  
Valentine & Dennis, 1964(1): 200.
- DESMOGNATHUS MONTICOLA  
Dunn—Seal Salamander.  
Committee on Common Names,  
1956(3): 174.  
Highton, 1961(1): 67.  
Martof & Rose, 1962(1): 215 (Va.)  
Rose & Dobie, 1963(3): 564 (Coastal  
Plain, Alabama)
- DESMOGNATHUS MONTICOLA  
JEFFERSONI Hoffman—  
Virginia Seal Salamander.  
Committee on Common Names,  
1956(3): 174.
- DESMOGNATHUS MONTICOLA  
MONTICOLA Dunn—  
Appalachian seal salamander.  
Committee on Common Names,  
1956(3): 174.  
Schwartz, 1957(2): 98 (S. C.)  
Highton, 1957(2): 108 (Costal  
grooves - trunk vertebrae)  
Valentine, 1963(1): 135 (Fimbriae  
counts)  
Organ & Lowenthal, 1963(4): 659,  
660 (Spermatophores)
- DESMOGNATHUS OCHROPHAEUS  
Cope—Mountain Salamander.  
Committee on Common Names,  
1956(3): 174.
- DESMOGNATHUS OCHROPHAEUS  
CAROLINENSIS Dunn—Blue  
Ridge Mountain salamander.

## DESMOGNATHUS OCHROPHAEUS

## CAROLINENSIS (continued)

Committee on Common Names,  
1956(3): 174.

Schwartz, 1957(2): 98 (S.C.)

Valentine, 1961(3): 318.

Organ & Lowenthal, 1963(4): 661  
(Spermatophores)

## DESMOGNATHUS OCHROPHAEUS

## OCHROPHAEUS Cope

—Allegheny Mountain Salamander.

Committee on Common Names,  
1956(3): 174.

Highton, 1957(2): 108 (Costal  
grooves - trunk vertebrae)

Highton, 1961(1): 67.

Martof & Rose, 1962(4): 730.

Organ & Lowenthal, 1963(4): 659-  
660 (Spermatophores)

## DESMOGNATHUS OCOEE Nicholls,

1949—Oconee Salamander.

Committee on Common Names,  
1956(3): 174.

Valentine, 1961(3): 315 (Var. &  
distrib.)

Valentine, 1963(1): 135 (Fimbriae  
counts)

## DESMOGNATHUS PERLAPSUS Neill,

1950—Cliffside Salamander.

Committee on Common Names,  
1956(3): 174.

Valentine, 1961(3): 315 (Var. &  
distrib.)

## DESMOGNATHUS PLANICEPS

Newman, 1955—Flat-headed  
Salamander.

Committee on Common Names,  
1956(3): 174.

Highton, 1961(1): 67.

Martof & Rose, 1962(1): 215 (Tax.  
status = *D. fuscus*)

## DESMOGNATHUS QUADRAMACU-

LATUS (Holbrook)—Black-  
bellied salamander.

Martof, 1955(3): 167 (Ga.)

Committee on Common Names,  
1956(3): 174.

Neill, 1957(1): 46 (Ga.)

Schwartz, 1957(2): 98 (S.C.)

Highton, 1961(1): 67.

Martof & Rose, 1962(1): 215 (Va.)

Valentine, 1963(1): 135 (Fimbriae  
counts)

Organ & Lowenthal, 1963(4): 660  
(Spermatophores)

## DESMOGNATHUS WRIGHTI King

—Pygmy Salamander.

## DESMOGNATHUS WRIGHTI

(continued)

Committee on Common Names,  
1956(3): 174.

Uzzell, 1961(1): 85 (Calcification)

Organ & Lowenthal, 1963(4): 659-  
660 (Spermatophores)

## DIADECTES Spinar, 1952

Romer, 1964(4): 718 (Amphibian?)

## DIADOPHIS Baird &amp; Girard

—Ringneck Snakes.

Committee on Common Names,  
1956(3): 182.

Betz, 1962(2): 285 (Anesthesia)

Holman, 1964(4): 637.

DIADOPHIS AMABILIS (Baird &  
Girard)—Western Ringneck  
Snake.

Karlstrom & Cook, 1955(1): 57  
(Anesthesia)

Committee on Common Names,  
1956(3): 182.

## DIADOPHIS AMABILIS AMABILIS

(Baird & Girard)—Pacific  
Ringneck Snake.

Committee on Common Names,  
1956(3): 182.

## DIADOPHIS AMABILIS MODESTUS

(Dum. & Bocourt)—San  
Bernardino Ringneck Snake.

Committee on Common Names,  
1956(3): 182.

## DIADOPHIS AMABILIS OCCIDENTA-

LIS Blanchard—Northwestern  
Ringneck Snake.

Committee on Common Names,  
1956(3): 182.

## DIADOPHIS AMABILIS PULCHELLUS

(Baird & Girard)—Coral-  
bellied Ringneck Snake.

Committee on Common Names,  
1956(3): 182.

## DIADOPHIS AMABILIS SIMILIS

Blanchard—San Diego Ringneck  
Snake.

Committee on Common Names,  
1956(3): 182.

## DIADOPHIS AMABILIS VANDEN-

BURGHI Blanchard—Monterey  
Ringneck Snake.

Committee on Common Names,  
1956(3): 182.

## DIADOPHIS PUNCTATUS (Linn.)

—Eastern Ringneck Snake.  
Committee on Common Names,  
1956(3): 182.

- DIADOPHIS PUNCTATUS ARNYI  
(Kennicott)—Prairie Ring-  
neck Snake.  
Mecham, 1956(1): 51.  
Committee on Common Names,  
1956(3): 182.
- DIADOPHIS PUNCTATUS DOCILIS  
(Baird & Girard)—Texas  
Ringneck Snake.  
Mecham, 1956(1): 51.  
Committee on Common Names,  
1956(3): 182.
- DIADOPHIS PUNCTATUS EDWARDSI  
Merrem—Northern ringneck  
snake.  
Martof, 1955(4): 303 (Ga.)  
Committee on Common Names,  
1956(3): 182.  
Minton & Bechtel, 1958(1): 47  
(Indiana)  
Holman, 1960(1): 58 (Indiana)  
Bothner & Moore, 1964(4): 710 (Pa.)
- DIADOPHIS PUNCTATUS PUNCTATUS  
(Linn.)—Southern ringneck  
snake.  
Martof, 1955(4): 303.  
Mecham, 1956(1): 51 (Relationships -  
Texas & N. Mex.)  
Committee on Common Names,  
1956(3): 182.  
Holman, 1959(2): 100 (Pleistocene -  
Fla.)  
White, 1960(1): 49 (N.C.)
- DIADOPHIS PUNCTATUS STICTO-  
GENYS Cope—Mississippi  
Ringneck Snake.  
Committee on Common Names,  
1956(3): 182.  
Brode, 1958(1): 48 (Miss. caves)  
Ferguson, 1961(4): 394 (Miss.)
- DIADOPHIS REGALIS (Baird &  
Girard)—Regal Ringneck Snake.  
Committee on Common Names,  
1956(3): 182.
- DIADOPHIS REGALIS LAETUS (Jan)  
Mecham, 1956(1): 51 (Relationships)
- DIADOPHIS REGALIS BLANCHARDI  
Schmidt—Big Bend Ringneck  
Snake.  
Mecham, 1956(1): 51.  
Committee on Common Names,  
1956(3): 182.
- DIADOPHIS REGALIS REGALIS  
(Baird & Girard)—Regal Ring-  
neck Snake.  
Mecham, 1956(1): 51 (Relationship -  
Texas & N. Mex.)  
Committee on Common Names,  
1956(3): 182.
- DIAGLENA Cope  
Starrett, 1960(4): 300.
- DIAGLENA RETICULATA  
Taylor, 1942  
Lynch, 1963(3): 567 (Illa)
- DIAGLENA SPATULATA (Günther)  
Starrett, 1960(4): 304.  
Lynch, 1963(3): 567 (Illa)  
Duellman & Klaas, 1964(2): 314.
- DIAPHOROLEPIS Barbour, 1923  
Dunn & Dowling, 1957(4): 260.
- DIBAMUS Dum. & Bibr.  
Underwood, 1957(1): 23.
- DICAMPTODON Strauch  
Valentine & Dennis, 1964(1): 199.  
Valentine, 1964(3): 583 (Gills & gill  
slits)
- DICAMPTODON ENSATUS  
Eschscholtz—Pacific Giant  
Salamander.  
Ferguson, 1956(2): 120 (Oregon)  
Committee on Common Names,  
1956(3): 174.  
Hunsaker & Johnson, 1959(4): 313  
(Pigm.)  
Czopek, 1962(3): 576 (Vascular -  
ization)  
Rodgers, 1962(3): 647.  
Metter, 1963(2): 435 (Stomach  
contents)  
Metter, 1964(1): 194.
- DIDYNAMIPUS  
Tihen, 1960(3): 227.
- DIEMICTYLUS Baird—Eastern  
newts.  
Committee on Common Names,  
1956(3): 174.  
Thornton, 1960(4): 372 (Regen. of  
asensory limbs)  
Valentine, 1964(3): 583 (Gills & gill  
slits)
- DIEMICTYLUS MERIDIONALIS  
(Cope)—Black-spotted newt.  
Committee on Common Names,  
1956(3): 174.
- DIEMICTYLUS VIRIDESCENS (Raf.)  
—newt.  
Committee on Common Names,  
1956(3): 174.
- DIEMICTYLUS VIRIDESCENS  
DORSALIS (Harlan)—Broken-  
striped newt.  
Committee on Common Names,  
1956(3): 174.
- DIEMYCTYLUS VIRIDESCENS LOUISI-  
ANENSIS Wolterstorff—  
Central Newt.  
Neill, 1955(1): 61 (Posture of  
chilled newts.)

- DIEMYCTYLUS VIRIDESCENS LOUISI-  
ANENSIS (continued)  
Martof, 1955(3): 166.  
Committee on Common Names,  
1956(3): 174.
- DIEMICTYLUS VIRIDESCENS PER-  
STRIATUS (Bishop)—Striped  
Newt.  
Committee on Common Names,  
1956(3): 174.
- DIEMICTYLUS VIRIDESCENS PIARO-  
PICOLA Swartz & Duellman  
—Peninsula Newt.  
Committee on Common Names,  
1956(3): 174.
- DIEMICTYLUS VIRIDESCENS VIRI-  
DESCENS (Raf.)—Red-  
spotted newt.  
Martof, 1955(3): 166 (Ga.)  
Reed, 1955(3): 253 (Conn.)  
Burch & Wood, 1955(3): 256  
(feeding on mollusca)  
Committee on Common Names,  
1956(3): 174.  
Werner, 1959(2): 170 (Thousand  
Islands, N. Y.)  
Hunsaker & Johnson, 1959(4): 313  
(Pigm.)  
Czopek, 1962(3): 576  
(Vascularization)  
Bothner, 1963(3): 572 (N. Y.)
- DIPLODACTYLUS Wiegmann  
Betz, 1962(2): 284 (Effects of  
surgical anesthesia)  
Dixon & Kluge, 1964(1): 174.
- DIPLODACTYLUS BILINEATUS  
Gray, 1845.  
Dixon & Kluge, 1964(1): 174 (Syn.)
- DIPLODACTYLUS ELDERI Stirling &  
Zeitz, 1893  
Dixon & Kluge, 1964(1): 180  
(Australia)
- DIPLODACTYLUS OCELLATUS  
Gray, 1845  
Dixon & Kluge, 1964(1): 174  
(Type of Crenodactylus)
- DIPLODACTYLUS VITTATUS Gray  
Dixon & Kluge, 1964(1): 180  
(Australia)
- DIPLOGLOSSUS Wiegmann  
Underwood, 1957(1): 25.
- DIPSAS Laur.  
Stuart, 1957(2): 93 (Distrib.)  
Downs, 1961(4): 383.
- DIPSAS ANNULATA (Merrem)  
Peters, 1956(1): 57.
- DIPSAS LEUCOMELAS (Werner)  
Downs, 1961(4): 386 (Tax.)
- DIPSAS VARIEGATA TRINITATIS  
Parker  
Emsley, 1963(3): 576 (Trinidad)
- DIPSOSAURUS Hallowell—Desert  
Iguanas  
Committee on Common Names,  
1956(3): 179.  
Etheridge, 1964(4): 630 (Skeleton)
- DIPSOSAURUS DORSALIS Baird &  
Girard—Desert Iguana  
Committee on Common Names,  
1956(3): 179.  
Hunsaker & Johnson, 1959(4): 313  
(Pigm.)  
Belkin, 1961(2): 223 (Running  
speeds - Calif.)  
Carpenter, 1961(4): 396 (Social  
behavior)  
Schmidt, 1964(3): 545 (Cochlea)  
Norris & Dawson, 1964(4): 644  
(Adapt.)
- DIPSOSAURUS DORSALIS DORSALIS  
Baird & Girard—Desert Iguana  
Committee on Common Names,  
1956(3): 179.
- DISCODELES OPISTHODON Boul.  
Alcala, 1962(4): 721.
- DISCOGLOSSIDAE  
Alcala, 1962(4): 724.  
Inger, 1962(4): 836 (Terrestrial  
origin)
- DISPHOLIDUS TYPUS Smith  
—African Boomslang  
Pope, 1958(4): 280 (Cause & account  
of death of Karl P. Schmidt).
- DRACO Linn.—Flying lizards.  
Herre, 1958(4): 338 (Gliding)  
Schlotz & Volsoe, 1959(3): 260.
- DRACO DUSSUMIERI (Gray)  
Hairston, 1957(4): 263.
- DRACO MACULATUS (Gray)  
Hairston, 1957(4): 262.
- DRACO SPILOPTERUS (Gray)  
Hairston, 1957(4): 262.
- DRACO VOLANS Linn.  
Hairston, 1957(4): 262 (Behavior)
- DROMICUS Bibron, 1843  
Emsley, 1963(3): 578 (Tax.)  
Lazell, 1964(4): 718.
- DROMICUS CALLILAEMUS (Gosse)  
Underwood, 1957(1): 25.  
Emsley, 1963(3): 579 (Jamaica -  
hemipenes)
- DROMICUS CHAMISSONIS (Wiegmann)  
Donoso-Barros, 1961(4): 488 (Chile)
- DROMICUS CURSOR (Lac., 1789)  
Emsley, 1963(3): 578 (Genotype)

- DRYADOPHIS** Stuart  
 Stuart, 1957(2): 92 (Distrib.)  
**DRYADOPHIS BIFOSSATUS** (Raddi)  
 Hardy, 1963(4): 669.  
**DRYADOPHIS BODDAERTI**  
 Sentzen, 1796  
 Hardy, 1964(4): 714.  
**DRYADOPHIS CLIFTONI** Hardy  
 Hardy, 1964(4): 614 (Nom. nov.)  
**DRYADOPHIS FASCIATUS** Hardy  
 Hardy, 1963(4): 669 (Mexico)  
 Hardy, 1964(4): 714 (Preoccupied)  
**DRYADOPHIS MELANOLOMUS**  
 (Cope)  
 Hardy, 1963(4): 671.  
**DRYADOPHIS MELANOLOMUS**  
 SLEVINI (Stuart)  
 Hardy, 1963(4): 671 (Mexico)  
**DRYADOPHIS MELANOLOMUS**  
 STUARTI Smith  
 Hardy, 1963(4): 671 (Mexico)  
**DRYADOPHIS PULCHRICEPS**  
 (Cope, 1868)  
 Hardy, 1963(4): 669.  
 Hardy, 1964(4): 714 (Tax.)  
**DRYMARCHON** Fitzinger—Indigo  
 Snakes.  
 Committee on Common Names,  
 1956(3): 182.  
**DRYMARCHON CORAIS** Holbrook  
 —Indigo Snake.  
 Committee on Common Names,  
 1956(3): 182.  
**DRYMARCHON CORAIS CORAIS**  
 Holbrook—Indigo Snake.  
 Holman, 1958(4): 278 (Pleistocene -  
 Fla.)  
 Holman, 1959(2): 100 (Pleistocene -  
 Fla.)  
 Duellman, 1960(4): 368 (Record  
 size)  
**DRYMARCHON CORAIS COUPERI**  
 (Holbrook)—Eastern Indigo  
 snake.  
 Perkins, 1955(3): 262 (Longevity -  
 JGM)  
 Committee on Common Names,  
 1956(3): 182.  
 Shaw, 1957(1): 50 (Longevity - JGM)  
 Shaw, 1957(4): 310 (Longevity -  
 JGM)  
 Shaw, 1958(3): 221 (Longevity -  
 JGM)  
 Telford, 1959(2): 111 (Fla.)  
 Shaw, 1959(4): 337 (Longevity -  
 JGM)  
 Groves, 1960(1): 51 (Eggs & young)  
 Duellman, 1960(4): 368 (Size)
- DRYMARCHON CORAIS EREBENNUS**  
 (Cope)—Texas Indigo Snake.  
 Committee on Common Names,  
 1956(3): 182.  
**DRYMARCHON CORAIS MELANURUS**  
 (Dum. & Bibr.)  
 Duellman, 1960(4): 367-368 (Record  
 size)  
**DRYMOBIUS** Fitzinger—Speckled  
 Racers.  
 Committee on Common Names,  
 1956(3): 182.  
**DRYMOBIUS BODDAERTI**  
 (Sentzen, 1796)  
 Hardy, 1964(4): 714.  
**DRYMOBIUS CHLOROTICUS** (Cope)  
 Stuart, 1956(2): 94 (Distrib.)  
 Uzzell & Starrett, 1958(4): 340  
 (El Salvador)  
**DRYMOBIUS MARGARITIFERUS**  
 (Schlegel)—Speckled Racer.  
 Committee on Common Names,  
 1956(3): 182.  
**DRYMOBIUS MARGARITIFERUS**  
 MARGARITIFERUS  
 (Schlegel)—Speckled Racer.  
 Committee on Common Names,  
 1956(3): 182.  
**DRYOPHIS NASUTUS** Andersson  
 Underwood, 1957(1): 25.  
**DUNN, EMMETT REID** (1894 - 1956)  
 Schmidt, 1957(2): 75.

## E

- EBENAVIA** Boettger  
 Dixon & Kluge, 1964(1): 174.  
**EBENAVIA HORNI** Lucas &  
 Frost, 1895  
 Dixon & Kluge, 1964(1): 174 (Syn.)  
**EBENAVIA INUNGUIS** Boettger  
 Dixon & Kluge, 1964(1): 176  
 (Madagascar)  
**ECHIS** Wagler  
 Gans & Richmond, 1957(4): 273.  
**ECHIS CARINATUS** Russell  
 —Saw-scaled Viper  
 Cowles, 1956(4): 213 (Sidewinding,  
 N. Afr.)  
 Keegan, Whittemore & Maxwell,  
 1962(2): 314 (Venom)  
**ECHIS COLORATUS** Guenther  
 Haas & Battersby, 1959(3): 202  
 (Arabia)  
**EDALORHINA** Espada  
 Myers, 1962(1): 198.  
**EGERNIA** Gray  
 Betz, 1962(2): 284 (Effects of  
 Surgical anesthesia)



**EIRENIS CORONELLA FRASERI**

Schmidt

Weber, 1960(2): 154 (Iraq)

**ELACHISTOCLEIS OVALIS BICOLOR**

Guerin

Cei, 1955(4): 291 (Argentina)

**ELACHISTOCLEIS PEARSEI**

(Ruthven)

Zweifel, 1964(1): 202.

**ELACHISTODON Reinh.**

Dowling, 1959(1): 48.

Dowling, 1959(1): 68.

Rabb &amp; Snedigar, 1960(1): 59.

**ELAPHE Fitzinger in Wagler, 1833**

—Rat Snakes.

Committee on Common Names,

1956(3): 182.

Dowling, 1958(1): 29, 38.

(Validation)

Holman, 1958(4): 278 (Pleistocene - Fla.)

Dowling, 1959(1): 48.

Dowling, 1959(2): 100 (Pleistocene - Fla.)

**ELAPHE CARINATA (Günther)**

—Chinese Ratsnake.

Dowling, 1958(1): 35.

Dowling, 1959(1): 48.

Dowling, 1959(1): 68 (Egg-eating adapt.)

**ELAPHE CHIMACOPHORA (Boie)**

—Japanese Green Rat Snake.

Dowling, 1958(1): 40.

Alexander &amp; Diener, 1958(3): 219 (Japan)

Dowling, 1959(1): 68 (Egg-eating habits)

Goris, 1963(3): 573 (Egg-crushing habits)

**ELAPHE CONSPICILLATA (Boie)**

Alexander &amp; Diener, 1958(3): 219 (Japan)

**ELAPHE DIONE (Pallas)**

Dowling, 1958(1): 35.

Holman, 1964(4): 634.

**ELAPHE FLAVIRUFA (Cope)**

Dowling, 1958(1): 35.

**ELAPHE FRENATA Gray**

Dowling, 1958(1): 38 (Tax.)

**ELAPHE GUTTATA (Linn.)**

—Corn Snakes.

Committee on Common Names,

1956(3): 182.

**ELAPHE GUTTATA EMORYI (Baird & Girard)**

—Great Plains Rat Snake.

Committee on Common Names,

1956(3): 182.

Hardy, 1957(2): 152 (Bat predation)

**ELAPHE GUTTATA GUTTATA**

Linn. — Corn snake.

Perkins, 1955(3): 262 (longevity - PZ)

Committee on Common Names, 1956(3): 182.

MacMahon, 1957(3): 232 (Mating)

Dowling, 1958(1): 38.

Minton &amp; Bechtel, 1958(1): 47

(Indiana)

Brode, 1958(1): 48 (Miss. Caves)

Bechtel &amp; Bechtel, 1958(2): 148

(reprod.)

Telford, 1959(2): 111 (Fla.)

White, 1960(1): 49 (N.C.)

Bechtel &amp; Mountain, 1960(2): 151 (hybrid)

Holman, 1960(3): 239 (Reproduction)

Ferguson, 1961(4): 394 (Miss.)

Bechtel &amp; Bechtel, 1962(2): 436 (Albinism)

Holman, 1964(4): 634.

**ELAPHE GUTTATA ROSACEA**

(Cope)—Rosy Rat Snake.

Committee on Common Names,

1956(3): 182.

**ELAPHE LONGISSIMA Laurenti**

Dowling, 1958(1): 39 (Tax.)

Holman, 1964(4): 634.

**ELAPHE NEBRASKENSIS Holman, 1964.**

Holman, 1964(4): 634 (Upper

Miocene - Lower Pliocene - Nebr.)

**ELAPHE OBSOLETA (Say)—Rat Snake.**

Committee on Common Names,

1956(3): 182.

**ELAPHE OBSOLETA BAIRDI**

(Yarrow)—Baird's Rat Snake,

Committee on Common Names,

1956(3): 182.

**ELAPHE OBSOLETA DECKERTI**

(Brady)—Key Rat Snake.

Committee on Common Names,

1956(3): 182.

**ELAPHE OBSOLETA LINDHEIMERI**

(Baird &amp; Girard)—Texas Rat Snake.

Committee on Common Names,

1956(3): 182.

**ELAPHE OBSOLETA OBSOLETA**

(Say)—Black Rat Snake.

Perkins, 1955(3): 262 (Longevity - AM)

Committee on Common Names,

1956(3): 182.

Layne, 1957(1): 49 (Dormant - Ill.)

## ELAPHE OBSOLETA OBSOLETA

(continued)

Dowling, 1958(1): 35, 38.

Werner, 1959(2): 171 (Thousand Isl., N. Y.)

Holman, 1960(1): 58 (Indiana)

Clarke &amp; Marx, 1960(3): 237

(Electrocardiography)

Fitch, 1963(4): 649 (Nat. hist. in Kansas)

Holman, 1964(4): 634.

## ELAPHE OBSOLETA OBSOLETA

Say X E. O. SPILOIDES

Dum., Bibr. &amp; Dum.

Ferguson, 1961(4): 394 (Miss.)

## ELAPHE OBSOLETA QUADRIVIT-

TATA (Holbrook)—Yellow

Rat Snake.

Committee on Common Names,  
1956(3): 182.Shaw, 1957(1): 50 (Longevity -  
SDZ)

## ELAPHE OBSOLETA ROSSALLEN

Neill—Everglades Rat Snake.

Committee on Common Names,  
1956(3): 182.Bechtel & Mountain, 1960(2): 151  
(Hybrid)

## ELAPHE OBSOLETA SPILOIDES

Dum., Bibr. &amp; Dum.—Gray

Rat Snake.

Perkins, 1955(3): 262 (Longevity -  
RMS)Committee on Common Names,  
1956(3): 182.Shaw, 1957(1): 50 (Longevity -  
RMS)

## ELAPHE OBSOLETA WILLIAMS

Barbour &amp; Carr, 1940

—Gulf Hammock Rat Snake.

Committee on Common Names,  
1956(3): 182.

## ELAPHE PARREYSI Wagler

Dowling, 1958(1): 38 (Tax.)

## ELAPHE PRASINA Blyth

Dowling, 1958(1): 38 (Tax.)

## ELAPHE QUADRIVIRGATA (Boie)

—Japanese Four-lined Rat  
Snake.Alexander & Diener, 1958(3): 219  
(Japan)Goris, 1963(3): 573 (Egg-crushing  
habits)

## ELAPHE QUATUORLINEATA

Lacépède

Dowling, 1958(1): 30, 32 (Tax.)

Holman, 1964(4): 634.

## ELAPHE RADIATA (error)

Dowling, 1958(1): 32.

## ELAPHE ROSALIAE (Mocquard)

Dowling, 1958(1): 35.

## ELAPHE SCALARIS (Schinz)

Dowling, 1958(1): 40.

## ELAPHE SHRENCKI (Strauch)

Dowling, 1958(1): 40.

## ELAPHE SITULA (Linn.)

Dowling, 1958(1): 40.

Holman, 1964(4): 634.

## ELAPHE SUBOCULARIS (Brown)

—Trans-Pecos Rat Snake or

Davis Mountain Rat Snake.

Jameson, 1956(1): 54 (Texas -  
feeding habits)Committee on Common Names,  
1956(3): 182.

Dowling, 1958(1): 34.

Medina, 1959(4): 336 (Feed. behav.)

Gehlbach &amp; Baker, 1962(2): 298.

## ELAPHE TAENIURA Cope

Dowling, 1958(1): 40.

## ELAPHE TRIASPIS (Cope)

—Green Rat Snake.

Martin, 1955(3): 173 (Tamaulipas,  
Mex.)Committee on Common Names,  
1956(3): 182.Dowling, 1958(1): 34 (Mex., C.  
Amer.)

## ELAPHE TRIASPIS INTERMEDIA

(Boettger)—Green Rat Snake.

Committee on Common Names,  
1956(3): 182.

## ELAPHE VULPINA (Baird &amp; Girard)

—Fox Snake.

Committee on Common Names,  
1956(3): 182.

## ELAPHE VULPINA GLOYDI Conant

—Eastern Fox Snake.

Tripehorn, 1955(3): 249 (Ohio -  
young)Committee on Common Names,  
1956(3): 182.

## ELAPHE VULPINA VULPINA

(Baird & Girard)—Western  
Fox snake.Committee on Common Names,  
1956(3): 182.

Olson, 1956(3): 190 (Ill.)

Dowling, 1958(1): 35.

Holman, 1964(4): 634.

## ELAPHROSAURA SPITZI Amaral,

1932.

Uzzell, 1962(4): 833 (Brazil)

## ELAPIDAE

- Dowling, 1959(1): 43.  
Holman, 1964(4): 637.

## ELAPS Fleming

- Dowling, 1959(1): 41.

## ELECTRICAL SHOCKER

- Gunning & Lewis, 1957(1): 52  
(For collect. Amph. & Rept.  
in aquatic Environ.)

## ELEUTHERODACTYLUS Dum. &amp; Bibr., 1841—Robber Frogs.

- Committee on Common Names,  
1956(3): 176.

- Stuart, 1957(2): 92 (Distrib.)

- Myers, 1962(1): 195, 197.  
(Nomencl. hist.)

- Alcala, 1962(4): 722.

- Lazell, 1964(4): 718.

## ELEUTHERODACTYLUS ABBOTTI

- Cochran, 1923

- Valett & Jameson, 1961(1): 103.

## ELEUTHERODACTYLUS ALTICOLA

- Lynn

- Valett & Jameson, 1961(1): 108.

## ELEUTHERODACTYLUS ANZUETOI

- Stuart, 1941

- Bumzahem, 1955(2): 119  
(Guatemala)

## ELEUTHERODACTYLUS ARGYRE-ORNATUS (Miranda - Ribeiro, 1926)

- Myers, 1962(1): 198 (Comb. nov.)

## ELEUTHERODACTYLUS AUGUSTI (Dugès)—Western Barking Frog.

- Committee on Common Names,  
1956(3): 176.

- Holman, 1963(3): 558.

## ELEUTHERODACTYLUS AUGUSTI LATRANS (Cope)

- Valett & Jameson, 1961(1): 103  
(Embryology)

## ELEUTHERODACTYLUS BATRACHYLUS Smith &amp; Taylor, 1948.

- Lynch, 1963(3): 580 (Tax.)

## ELEUTHERODACTYLUS CALCITRANS (Günther)

- Bumzahem, 1955(2): 119.

## ELEUTHERODACTYLUS DORSO-CONCOLOR Taylor

- Bumzahem, 1955(2): 119.

## ELEUTHERODACTYLUS DUNNI

- Barbour

- Holman, 1963(3): 558.

## ELEUTHERODACTYLUS GREGGI

- Bumzahem

- Bumzahem, 1955(2): 118 (Guatemala)

## ELEUTHERODACTYLUS GUENTHERI Steindachner

- Valett & Jameson, 1961(1): 103.

## ELEUTHERODACTYLUS HETERODACTYLUS (Miranda - Ribeiro, 1937)

- Myers, 1962(1): 198 (Comb. nov.)

## ELEUTHERODACTYLUS HIDALGOEN-SIS Taylor, 1942

- Martin, 1955(3): 173 (Tamaulipas,  
Mexico)

## ELEUTHERODACTYLUS INOPTATUS (Barbour, 1914)

- Valett & Jameson, 1961(1): 103.

## ELEUTHERODACTYLUS LATRANS Cope—Barking Frog.

- Martin, 1955(3): 173 (Tamaulipas,  
Mexico)

- Committee on Common Names,  
1956(3): 176.

- Hunsaker & Johnson, 1959(4): 313  
(Pigm.)

## ELEUTHERODACTYLUS LONGIPES (Baird, 1859)

- Lynch, 1963(3): 580 (Tax. -Mexico)

## ELEUTHERODACTYLUS MARTINI-CENSIS (Tschudi)

- Valett & Jameson, 1961(1): 104.

- Myers, 1962(1): 197 (Type of  
genus)

## ELEUTHERODACTYLUS MEXICANUS (Brocchi)

- Bumzahem, 1955(2): 119.

## ELEUTHERODACTYLUS NASUTUS A. Lutz

- Valett & Jameson, 1961(1): 103.

## ELEUTHERODACTYLUS NUBICOLA Dunn

- Valett & Jameson, 1961(1): 103.

## ELEUTHERODACTYLUS OCCIDENTALIS Taylor

- Bumzahem, 1955(2): 119.

## ELEUTHERODACTYLUS PORTORICENSIS Schmidt

- Valett & Jameson, 1961(1): 103.

## ELEUTHERODACTYLUS RHODOPIS (Cope)

- Bumzahem, 1955(2): 119.

## ELEUTHERODACTYLUS RICORDI (Dum. &amp; Bibr.)—Greenhouse Frog.

- Committee on Common Names,  
1956(3): 176.

## ELEUTHERODACTYLUS RICORDI PLANIROSTRIS Cope—Greenhouse Frog.

- Committee on Common Names,  
1956(3): 176.

- ELEUTHERODACTYLUS RICORDI**  
 PLANIROSTRIS (continued)  
 Telford, 1959(2): 111 (Fla.)  
 Valett & Jameson, 1961(1): 103.
- ELEUTHERODACTYLUS SALTATOR**  
 Taylor  
 Bumzahem, 1955(2): 119.
- ELEUTHERODACTYLUS XUCANEBI**  
 Stuart, 1941  
 Bumzahem, 1955(2): 119 (Guatemala)
- ELGARIA MULTICARINATA**  
 (Blainville)  
 Brattstrom, 1955(2): 139  
 (Pleistocene - Calif.)
- ELOSIA** Tschudi, 1838  
 Myers, 1962(1): 195-196  
 (Nomencl. hist.)
- ELOSIA NASULUS** Tschudi, 1838  
 Myers, 1962(1): 196 (Tax.)
- ELOSIA NASUTA** Tschudi, 1838  
 Myers, 1962(1): 196 (Tax.)
- EMOIA CYANURA** (Lesson)  
 Daniel, 1960(2): 94 (New Hebrides Isl.)  
 Church, 1962(2): 262 (New Hebrides)
- EMOIA WERNERI** (Vogt, 1912)  
 Daniel, 1960(2): 94 (New Hebrides Isl.)  
 Church, 1962(2): 262 (New Hebrides)
- EMYDIDAE**  
 Auffenberg, 1961(4): 496.
- EMYDOCEPHALUS** Krefft, 1869  
 Dowling, 1959(1): 49.
- EMYDOCEPHALUS ANNULATUS**  
 Krefft, 1869  
 Dowling, 1959(1): 49.
- EMYDOCEPHALUS IJIMAE**  
 Stejneger, 1898  
 Dowling, 1959(1): 49.
- EMYDOIDEA BLANDINGI** (Holbrook)  
 Werner, 1959(2): 171 (Thousand Isl. N. Y.)
- EMYS** Dum. & Bibr.  
 Committee on Common Names,  
 1956(3): 177 (Semi-box turtles)
- EMYS BLANDINGI** (Holbrook)  
 —Blandings Turtle.  
 Olson, 1956(3): 190 (Ill.)  
 Sexton, 1957(3): 230 (Hatchlings)
- EMYS TWENTEI** Taylor, 1943  
 Smith, 1958(3): 179 (Pleistocene - Kansas)
- ENGYSTOMOPS** Mir. Rib.  
 Stuart, 1957(2): 93 (Distrib.)  
 Lynch, 1963(3): 581.
- ENHYDRINA** Gray  
 Conaway & Fleming, 1960(1): 53.  
 Betz, 1963(4): 692 (Ovarian morphol.)
- ENSATINA** Gray  
 Anderson, 1958(3): 221.  
 Martof & Rose, 1962(4): 730.
- ENSATINA ESCHSCHOLTZEI**  
 CROCEATER (Cope)—Yellow-blotched salamander.  
 Committee on Common Names,  
 1956(3): 174.
- ENSATINA ESCHSCHOLTZEI ESCHSCHOLTZEI** Gray—Monterey salamander.  
 Committee on Common Names,  
 1956(3): 174.
- ENSATINA ESCHSCHOLTZEI**  
 Highton, 1957(2): 108 (Costal grooves - trunk vertebrae)  
 Organ, 1958(4): 254.  
 Burns, 1962(1): 180 (Wash.)  
 Highton, 1962(3): 601.
- ENSATINA ESCHSCHOLTZEI**  
 KLAUBERI Dunn—Large-blotched salamander.  
 Committee on Common Names,  
 1956(3): 174.
- ENSATINA ESCHSCHOLTZEI OREGANENSIS** (Girard)—Oregon Salamander.  
 Committee on Common Names,  
 1956(3): 174.
- ENSATINA ESCHSCHOLTZEI PICTA**  
 Wood—Painted Salamander.  
 Committee on Common Names,  
 1956(3): 174.
- ENSATINA ESCHSCHOLTZEI**  
 PLATENSIS Espada  
 —Sierra Nevada Salamander.  
 Committee on Common Names,  
 1956(3): 174.  
 Myers, 1962(1): 201.
- ENSATINA ESCHSCHOLTZEI**  
 XANTHOPTICA Stebbins  
 —Yellow-eyed Salamander.  
 Committee on Common Names,  
 1956(3): 174.
- ENYALIOIDES** Boul.  
 Etheridge, 1964(4): 628.
- ENYALIOSAURUS** Gray  
 Stuart, 1957(2): 93 (distrib.)  
 Etheridge, 1964(4): 630 (Skeleton)
- ENYALIOSAURUS CLARKI** (Bailey)  
 Duellman, 1958(1): 49 (Mex.)
- ENYALIOSAURUS DEFENSOR** (Cope)  
 Duellman & Klaas, 1964(2): 312  
 (Yucatan)

- ENYDROBIUS** Wagler, 1830  
 Myers, 1962(1): 196 (Tax.)  
**ENYGRUS CARINATUS** (Schneider)  
 Stull, 1956(3): 185 (Distribution)  
**ENYGRUS CARINATUS PAULSONI**  
 Stull, 1956  
 Stull, 1956(3): 185 (Solomon Isl.)  
**EOPELOBATES**  
 Tihen, 1960(2): 93 (Oligocene -  
 South Dakota)  
**EORHINOPHYRUS** Hecht, 1959  
 Holman, 1963(4): 708.  
**EORHINOPHYRUS SEPTENTRI-**  
**ONALIS** Hecht, 1959  
 Holman, 1963(4): 706 (Mid-Eocene-  
 Wyo.)  
**EPICRATES** Wagler  
 Dowling, 1959(1): 41.  
**EPICRATES ANGULIFER** Bibron  
 —Cuban boa  
 Perkins, 1955(3): 262 (Longevity -  
 SDZ)  
 Shaw, 1957(1): 50 (Longevity - SDZ)  
 Hardy, 1957(2): 151 (Bat predation)  
 Shaw, 1957(4): 310 (Longevity -  
 SDZ)  
 Shaw, 1958(3): 221 (Longevity -  
 SDZ)  
 Shaw, 1959(4): 337 (Longevity -  
 SDZ)  
 Shaw, 1962(2): 438 (Longevity -  
 SDZ)  
**EPICRATES CENCHRIA CRASSUS**  
 Cope  
 Perkins, 1955(3): 262 (Longevity -  
 SIZ)  
**EPICRATES CENCHRIA MAURUS**  
 Gray  
 Perkins, 1955(3): 262 (Longevity -  
 B<sub>x</sub>Z)  
**EPICRATES STRIATUS** (Fischer)  
 Perkins, 1955(3): 262 (Longevity -  
 PZ)  
**EPICRATES SUBFLAVUS** Stejn.  
 Underwood, 1957(1): 24.  
**EPIRHEXIS** Cope, 1866  
 Myers, 1962(1): 197 (Tax.)  
**EREMIAS BREVIROSTRIS** Blanford  
 Weber, 1960(2): 154 (Iraq)  
**EREMIAS PLESKEI** Bedriaga, 1907  
 Soulé, 1963(1): 113 (Temp.  
 sensitivity)  
**EREMIAS STRAUCHII** Kessler  
 Soulé, 1963(1): 113 (Temp.  
 sensitivity)  
**ERETMOCHELYS** Fitzinger  
 —Hawksbill Turtles.  
 Committee on Common Names,  
 1956(3): 177.  
**ERETMOCHELYS IMBRICATA**  
 (Linn.)—Hawksbill.  
 Committee on Common Names,  
 1956(3): 177.  
**ERETMOCHELYS IMBRICATA IM-**  
**BRICATA** (Linn.)  
 —Atlantic Hawksbill.  
 Committee on Common Names,  
 1956(3): 177.  
 Mowbray & Caldwell, 1958(2): 148  
 (Bermuda)  
 Hirth, 1962(3): 647 (Cloacal temp. -  
 Costa Rica)  
**ERETMOCHELYS IMBRICATA**  
**SQUAMATA** (Agassiz)  
 —Pacific Hawksbill.  
 Committee on Common Names,  
 1956(3): 177.  
**ERETMOCHELYS SQUAMATA**  
 Agassiz  
 Neill, 1957(2): 141 (Type loc.)  
**ERYTHROLAMPRUS** Wagler  
 Stuart, 1957(2): 93 (Distrib.)  
**ERYTHROLAMPRUS AESCULAPII**  
 (Linn.)  
 Emsley, 1963(3): 576-577  
 (Trinidad)  
**ERYX** Wagler  
 Dowling, 1959(1): 41.  
**EUHYAS** Fitzinger, 1843  
 Myers, 1962(1): 197 (Tax.)  
**EUMECES** Wiegmann  
 —Striped Skinks.  
 Committee on Common Names,  
 1956(3): 179.  
 Holman, 1958(4): 278 (Pleistocene-  
 Fla.)  
 Holman, 1959(2): 99 (Pleistocene -  
 Fla.)  
 Zweifel, 1961(1): 113 (Incubation  
 of eggs)  
 Dessauer et al, 1962(4): 773.  
**EUMECES ALTAMIRANI** Duges  
 Duellman, 1958(1): 49 (Mex.)  
**EUMECES ANTHRACINUS** (Baird)  
 —Coal Skink.  
 Committee on Common Names,  
 1956(3): 179.  
**EUMECES ANTHRACINUS ANTHRA-**  
**CINUS** (Baird)—Northern  
 Coal skink.  
 Telford, 1955(2): 143 (Cent. Va.)  
 Martof, 1955(4): 302 (Ga.)  
 Committee on Common Names,  
 1956(3): 179.  
 Evans, 1959(2): 103 (Brooding  
 habit)  
 Hunsaker & Johnson, 1959(4): 313  
 (Pigm.)

- EUMECES ANTHRACINUS ANTHRACINUS** (continued)  
Bothner & Moore, 1964(4): 709.  
(Pa.)
- EUMECES ANTHRACINUS PLUVIALIS**  
(Cope)—Southern Coal Skink.  
Martof, 1955(4): 302 (Ga.)  
Committee on Common Names,  
1956(3): 179.  
Ferguson, 1961(4): 393 (Miss.)
- EUMECES BREVILINEATUS** Cope  
—Short-lined Skink.  
Committee on Common Names,  
1956(3): 179.  
Hunsaker & Johnson, 1959(4): 313  
(Pigm.)
- EUMECES BREVIROSTRIS** (Günther)  
Anderson & Wilhoft, 1959(1): 59  
(Mexico)  
Axtell, 1960(1): 20 (Mexico)
- EUMECES CALLICEPHALUS** Bocourt  
—Mountain Skink.  
Committee on Common Names,  
1956(3): 179.  
Anderson & Wilhoft, 1959(1): 59  
(Mexico)
- EUMECES DICEI DICEI** Ruthven &  
Gaige, 1933  
Axtell, 1960(1): 19, 23 (Mexico)
- EUMECES DICEI PINEUS**  
Axtell, 1960  
Axtell, 1960(1): 19 (Mexico)
- EUMECES DUGESI** Thomin  
Axtell, 1960(1): 20 (Mexico)
- EUMECES EGREGIUS** (Baird)  
—Florida Red-tailed Skink.  
Committee on Common Names,  
1956(3): 179.  
Telford, 1959(2): 113 (Fla.)  
Campbell, 1962(2): 438 (Fla.)
- EUMECES EGREGIUS EGREGIUS**  
(Baird)—Striped Red-tailed  
Skink.  
Committee on Common Names,  
1956(3): 179.
- EUMECES EGREGIUS ONOCREPIS**  
(Cope)—Brown Red-tailed  
Skink.  
Committee on Common Names,  
1956(3): 179.  
Telford, 1959(2): 111 & 113 (Fla.)
- EUMECES FASCIATUS** (Linn.)  
—Five-lined or Blue-tailed  
skink.  
Judd, 1955(2): 135 (Ontario -  
observ.)  
Hebard & Charipper, 1955(4): 305  
(phylogeny)
- EUMECES FASCIATUS** (continued)  
Britt, 1956(1): 54 (Ohio)  
Committee on Common Names,  
1956(3): 179.  
Carpenter, 1957(4): 280 (Okla.)  
Etheridge, 1958(2): 99.  
Evans, 1959(2): 103 (Brooding  
habit)  
Hunsaker & Johnson, 1959(4): 313  
(Pigm.)  
Holman, 1960(1): 58 (Indiana)  
Brungs & Britt, 1960(4): 370  
(albino - Ohio)  
Cole, 1963(2): 415.  
Fitch, 1963(4): 650 (Kansas)  
Burghardt, 1964(3): 576 (Prey  
size - feeding behavior)  
Pandha & Thapliyal, 1964(3): 579.
- EUMECES GAIGEI** Taylor, 1935  
—Two-lined Skink.  
Committee on Common Names,  
1956(3): 179.  
Mecham, 1957(2): 111-112 (Tax.)
- EUMECES GILBERTI** Van Denburgh  
—Gilberts Skink.  
Committee on Common Names,  
1956(3): 179.  
Hunsaker & Johnson, 1959(4): 313  
(Pigm.)
- EUMECES GILBERTI ARIZONENSIS**  
Lowe & Shannon  
—Arizona Skink.  
Committee on Common Names,  
1956(3): 179.
- EUMECES GILBERTI CANCELLOSUS**  
Rodgers & Fitch  
—Variegated Skink.  
Committee on Common Names,  
1956(3): 179.
- EUMECES GILBERTI GILBERTI**  
Van Denburgh—Greater Brown  
Skink.  
Committee on Common Names,  
1956(3): 179.
- EUMECES GILBERTI PLACERENSIS**  
Rodgers—Northern Brown Skink.  
Committee on Common Names,  
1956(3): 179.
- EUMECES GILBERTI RUBRICAUDA-**  
**TUS** Taylor—Western Red-  
tailed Skink.  
Committee on Common Names,  
1956(3): 179.
- EUMECES HUMILIS** Boul.  
Mecham, 1957(2): 112 (Tax.)
- EUMECES INEXPECTATUS** Taylor  
—Southeastern Five-lined Skink.  
Committee on Common Names,  
1956(3): 179.



**EUMECES INEXPECTATUS**

(continued)

Holman, 1959(2): 99.

Telford, 1959(2): 111 &amp; 115 (Fla.)

Hunsaker &amp; Johnson, 1959(4): 313 (Pigm.)

Ferguson, 1961(4): 393 (Miss.)

Schmidt, 1964(3): 545 (Cochlea)

**EUMECES LATICEPS** Schneider

— Broad-headed Skink.

Committee on Common Names,  
1956(3): 179.

Schwartz, 1957(2): 98 (S.C.)

Holman, 1959(2): 99.

Evans, 1959(2): 103 (Brooding  
habit)

Hunsaker &amp; Johnson, 1959(4): 313 (Pigm.)

Ferguson, 1961(4): 393 (Miss.)

**EUMECES LATISCUTATUS LATISCUTATUS** (Hallowell)

Alexander &amp; Diener, 1958(3): 218 (Japan)

**EUMECES LYNXE BELLI** (Gray)Parker, 1960(4): 284 (Status -  
Mexico)**EUMECES LYNXE DURANGOENSIS**

Tanner, 1958

Parker, 1960(4): 284.

**EUMECES LYNXE LYNXE**

Wiegmann

Parker, 1960(4): 284

**EUMECES MULTIVIRGATUS**

(Hallowell)—Many-lined Skink.

Committee on Common Names,  
1956(3): 179.

Mecham, 1957(2): 111 (Tax.)

**EUMECES MULTIVIRGATUS GAIGEII**

Taylor

Mecham, 1957(2): 121 (W. Texas,  
New Mex., & Ariz.)

Anderson &amp; Wilhoft, 1959(1): 57.

**EUMECES MULTIVIRGATUS TAYLORI** Smith

Anderson &amp; Wilhoft, 1959(1): 57.

Hunsaker &amp; Johnson, 1959(4): 313 (Pigm.)

**EUMECES MULTIVIRGATUS MEXICANUS** Anderson & Wilhoft,

1959.

Anderson &amp; Wilhoft, 1959(1): 57 (Mexico)

**EUMECES MULTIVIRGATUS MULTIVIRGATUS** (Hallowell)Mecham, 1957(2): 121 (Colo.,  
Nebr., Wyo.)**EUMECES OBSOLETUS** (Baird & Girard)—Great Plains Skink.

Hebard &amp; Charipper, 1955(4): 305

(Phylogeny)

Committee on Common Names,  
1956(3): 179.

Etheridge, 1958(2): 99 (Pleistocene)

Evans, 1959(2): 103 (Maternal  
behavior)

Hunsaker &amp; Johnson, 1959(4): 313 (Pigm.)

**EUMECES SCHWARTZEI** Fischer

Duellman &amp; Klaas, 1964(2): 312

(Yucatan)

**EUMECES SEPTENTRIONALIS**

(Baird)—Prairie Skink.

Committee on Common Names,  
1956(3): 179.

Etheridge, 1958(2): 99.

Evans, 1959(2): 103 (Brooding  
habit)

Hunsaker &amp; Johnson, 1959(4): 313 (Pigm.)

**EUMECES SEPTENTRIONALIS****OBTUSIROSTRIS** Bocourt

—Southern Prairie Skink.

Committee on Common Names,  
1956(3): 179.**EUMECES SEPTENTRIONALIS PALIDUS** Smith & Slater

—Edwards Plateau Skink.

Committee on Common Names,  
1956(3): 179.**EUMECES SEPTENTRIONALIS SEPTENTRIONALIS** (Baird)

—Northern Prairie Skink.

Committee on Common Names,  
1956(3): 179.**EUMECES SKILTONIANUS** (Baird & Girard)—Western Skink.Committee on Common Names,  
1956(3): 179.

Wilhoft, 1958(4): 270.

Evans, 1959(2): 103 (Brooding  
habit)

Hunsaker &amp; Johnson, 1959(4): 313 (Pigm.)

**EUMECES STRIATULATUS** Taylor

Etheridge, 1958(2): 99.

**EUMECES SUMICHRASTI** (Cope)

Stuart, 1957(2): 92 (Distrib.)

Parker, 1960(4): 284.

**EUMECES TAYLORI** Smith, 1942

—Pecos Skink.

Committee on Common Names,  
1956(3): 179.

Mecham, 1957(2): 111-113 (Tax.)

- EUMECES TETRAGRAMMUS** (Baird)  
— Four-lined Skink.  
Committee on Common Names,  
1956(3): 179.  
Hunsaker & Johnson, 1959(4): 313  
(Pigm.)
- EUNECTES** Wagler  
Dowling, 1959(1): 41.
- EUNECTES BARBOURI** Conant &  
Dunn  
Perkins, 1955(3): 262 (Longevity -  
PZ)
- EUNECTES DESCHAUENSEEI**  
Conant & Dunn  
Perkins, 1955(3): 262 (Longevity -  
PZ)
- EUNECTES MURINA** (Linn.)  
— Anaconda.  
Perkins, 1955(3): 262 (Longevity -  
WZ)
- EUPEMPHIX** Steindachner  
Myers, 1962(1): 198.
- EUPEMPHIX FUSCOMACULATUS**  
Steindachner, 1864  
Milstead, 1960(2): 85 (Syn.)
- EUPEMPHIX PUSTULOSUS** (Cope)  
Holman, 1963(3): 558.  
Zweifel, 1964(1): 202.
- EUPROCTUS** Génée  
Valentine, 1964(3): 583 (Gills &  
gill slits)
- EURYCEA** Raf. — Brook Salamanders.  
Committee on Common Names,  
1956(3): 174.  
Grobman, 1959(1): 61 (Ant. cranial  
elements)  
Valentine, 1964(3): 583 (Gills &  
gill slits)
- EURYCEA BISLINEATA** (Green)  
— Two-lined Salamander.  
Committee on Common Names,  
1956(3): 174.  
Brandon, 1961(4): 382.  
Rose & Dobie, 1963(3): 564 (Coastal  
Plain, Alabama)  
Organ & Lowenthal, 1963(4): 659  
(Spermatophores)
- EURYCEA BISLINEATA BISLINEATA**  
(Green)—Northern Two-lined  
salamander.  
Reed, 1955(3): 253 (Conn.)  
Committee on Common Names,  
1956(3): 174.  
Schwartz, 1957(2): 98 (S.C.)  
Highton, 1957(2): 108 (Costal  
grooves - trunk vertebrae)  
Stewart, 1958(3): 190 (seasonal var.  
in teeth)
- EURYCEA BISLINEATA BISLINEATA**  
(continued)  
Rabb, 1960(4): 310.  
Cook & Bleakney, 1960(4): 362  
(New Brunswick)  
Uzzell, 1961(1): 83.  
Lazell & Brandon, 1962(2): 305.  
Dent & Kirby-Smith, 1963(1): 121  
(Metamorphosis)  
Valentine & Dennis, 1964(1): 200.
- EURYCEA BISLINEATA BISLINEATA**  
x **E. B. CIRRIGERA** Green  
Ferguson, 1961(4): 393 (Miss.)
- EURYCEA BISLINEATA CIRRIGERA**  
(Green)—Southern two-lined  
salamander.  
Martof, 1955(3): 168 (Ga.)  
Committee on Common Names,  
1956(3): 174.  
Neill, 1957(1): 44 (Ga.)
- EURYCEA BISLINEATA RIVICOLA**  
Mittleman—Midwest Two-lined  
Salamander.  
Committee on Common Names,  
1956(3): 174.  
Holman, 1960(1): 57 (Indiana)
- EURYCEA BISLINEATA WILDERAE**  
Dunn—Blue Ridge Two-lined  
Salamander.  
Committee on Common Names,  
1956(3): 174.  
Neill, 1957(1): 44 (Ga.)  
Organ & Lowenthal, 1963(4): 660  
(Spermatophores)
- EURYCEA LONGICAUDA** (Green)  
— Long-tailed Salamander.  
Committee on Common Names,  
1956(3): 174.
- EURYCEA LONGICAUDA GUTTO-**  
**LINEATA** (Holbrook)  
— Three-lined Salamander.  
Martof, 1955(3): 168 (Ga.)  
Martof & Humphries, 1955(3): 247  
(Ga.)  
Committee on Common Names,  
1956(3): 174.  
Schwartz, 1957(2): 98 (S.C.)  
Brode, 1958(1): 48 (Miss. caves)  
Stewart, 1958(2): 193 (dentition)
- EURYCEA LONGICAUDA LONGI-**  
**CAUDA** (Green)  
— Long-tailed Salamander.  
Martof & Humphries, 1955(3): 247  
(Ga.)  
Committee on Common Names,  
1956(3): 174.  
Neill, 1957(1): 45 (Ga.)  
Holman, 1960(1): 56 (Indiana)

**EURYCEA LONGICAUDA LONGICAUDA** (continued)

Ferguson, 1961(4): 393 (Miss.)

Martof &amp; Rose, 1962(4): 727 (Osteology)

Valentine &amp; Dennis, 1964(1): 200.

**EURYCEA L. LONGICAUDA** Green x **E. L. GUTTOLINEATA** Holbrook

Ferguson, 1961(4): 393 (Miss.)

**EURYCEA LONGICAUDA MELANOPLURA** (Cope)

—Dark-sided Salamander.

Committee on Common Names, 1956(3): 174.

**EURYCEA LONGICAUDA PERNIX**

Mittleman—Midland Long-tailed Salamander.

Barbour, 1955(4): 309 (Ky.)

Martof &amp; Humphries, 1955(3): 247. Committee on Common Names, 1956(3): 174.

**EURYCEA LUCIFUGA** (Raf.)

—Cave Salamander.

Martof &amp; Humphries, 1955(3): 247 (Ga.)

Committee on Common Names, 1956(3): 174.

Neill, 1957(1): 44 (Ga.)

Lazell &amp; Brandon, 1962(2): 305.

Martof &amp; Rose, 1962(4): 727 (Osteology)

**EURYCEA MULTIPLICATA** (Cope)

—Many-ribbed Salamander.

Committee on Common Names, 1956(3): 174.

Highton, 1957(2): 108 (Costal grooves - trunk vertebrae)

**EURYCEA MULTIPLICATA GRIS-EOGASTER** Moore & Hughes

—Gray-bellied Salamander.

Committee on Common Names, 1956(3): 174.

**EURYCEA MULTIPLICATA MULTIPPLICATA** (Cope)

—Many-ribbed Salamander.

Committee on Common Names, 1956(3): 174.

**EURYCEA NEOTENES** Bishop & Wright—Texas Salamander.

Committee on Common Names, 1956(3): 174.

Brown &amp; Alcalá, 1957(1): 43.

**EURYCEA NEOTENES LATITANS** (Smith & Potter)—Cascade Cavern Salamander.

Committee on Common Names, 1956(3): 174.

**EURYCEA NEOTENES NANA**

(Bishop)—San Marcos Salamander.

Committee on Common Names, 1956(3): 174.

**EURYCEA NEOTENES NEOTENES**

Bishop &amp; Wright

—Bexar County Salamander.

Committee on Common Names, 1956(3): 174.

**EURYCEA NEOTENES PTEROPHILA**

Burger—Fern Bank Salamander.

Committee on Common Names, 1956(3): 174.

**EURYCEA TYNERENSIS** Moore & Hughes—Oklahoma Salamander.

Committee on Common Names, 1956(3): 174.

Brown &amp; Alcalá, 1957(1): 43.

Dundee, 1957(1): 52.

**EUSPONDYLUS FESTAE** Peracca, 1897.

Uzzell, 1961(2): 139 (Status)

**EUSPONDYLUS STRANGULATUS**

Cope, 1868

Uzzell, 1961(2): 139 (Status)

**EUTAENIA CYRTOPSIS**

(Kennicott, 1860)

Fitch &amp; Milstead, 1961(1): 112 (Tax.)

**EUTAENIA DORSALIS** Baird & Girard, 1853

Fitch &amp; Milstead, 1961(1): 112

(Tax. - Mexico)

**EUTAENIA SIRTALIS DORSALIS**

Baird &amp; Girard

Fitch &amp; Milstead, 1961(1): 112 (Tax.)

**EXOSTINUS** Cope, 1873

Estes, 1963(4): 679 (Cenozoic)

**FARANCIA** Gray—Mud Snakes.

Dowling, 1959(1): 41.

Committee on Common Names, 1956(3): 182.

**FARANCIA ABACURA** (Holbrook)

—Mud Snake.

Committee on Common Names, 1956(3): 182.

**FARANCIA ABACURA ABACURA**

(Holbrook)—Eastern Mud Snake.

Committee on Common Names, 1956(3): 182.

Hellman &amp; Telford, 1956(4): 257 (N. Fla.)

Kennedy, 1959(1): 71 (Indiana)

Huheey, 1959(4): 309.

- FARANCIA ABACURA REINWARDTI** (Schlegel)—Western mud snake.  
Committee on Common Names, 1956(3): 182.  
Kennedy, 1959(1): 71 (Min. egg complement) - Texas.
- FICIMIA** Gray—Hook-nosed Snakes.  
Committee on Common Names, 1956(3): 182.  
Stuart, 1957(2): 93 (Distrib.)
- FICIMIA CANA** Cope  
—Western Hook-nosed Snake.  
Committee on Common Names, 1956(3): 182.  
Zweifel, 1962(4): 761.
- FICIMIA OLIVACEA** Gray  
—Mexican Hook-nosed Snake.  
Committee on Common Names, 1956(3): 182.
- FICIMIA OLIVACEA STRECKERI** (Taylor)—Mexican Hook-nosed Snake.  
Committee on Common Names, 1956(3): 182.
- FIMBRIOS** Smith  
Dunn & Dowling, 1957(4): 260.
- FOSSIL TURTLES**  
Milstead, 1956(3): 162  
(Friesenhahn Cave, Texas)
- FRITZIANA GOELDI**  
Lynch, 1963(3): 567 (Illa)
- G**
- GAMBELIA** Baird, 1859  
Etheridge, 1964(4): 630 (Skeleton)
- GAMBELIA WISLIZENI** (Baird & Girard)  
Etheridge, 1958(2): 95 (Syn.)
- GARTERSNAKE "BALL"**  
Gardner, 1957(1): 48 (Conn.)
- GASTROPHRYNE** Stejn.  
Holman, 1961(3): 355.
- GASTROPHYNE CAROLINIENSIS** (Holbrook)  
Blair & Langhlin, 1955(4): 311 (Okla.)  
Pyburn, 1960(1): 55 (Miss.)  
Ferguson, 1963(2): 442 (Heptachlor)
- GASTROPHRYNE CAROLINENSIS CAROLINENSIS** (Holbrook)  
—Eastern narrow-mouthed toad.  
Conant, 1958(1): 50 (Delmarva)  
Hirschfeld & Collins, 1963(2): 439 (Ky.)
- GASTROTHERCA** Fitzinger  
Rabb & Rabb, 1960(4): 275.  
Starrett, 1960(4): 300.
- GASTROTHERCA MARSUPIATA** Günther  
Starrett, 1960(4): 304.  
Holman, 1962(2): 256.  
Lynch, 1962(2): 434 (Illa)  
Holman, 1963(3): 558.  
Lynch, 1963(3): 567 (Illa)
- GASTROTHERCA TESTUDINEUM** (Espada)  
Lynch, 1963(3): 567 (Illa)
- GECKO VITTATUS** Gray  
Hunsaker & Johnson, 1959(4): 313 (Pigm.)
- GEHYRA MUTILATA** (Wiegmann)  
Brown & Alcalá, 1957(1): 39 (Exposure to sea water)
- GEHYRA VARIEGATA** (Gray)  
Dixon & Kluge, 1964(1): 180 (Australia)
- GEKKO GECKO** (Linn.)  
Schmidt, 1964(3): 548 (Cochlea)
- GEKKONIDAE**  
Schmidt, 1964(3): 545 (Cochlea)
- GEOCHELONE** Fitzinger  
Holman, 1959(2): 101.  
Auffenberg, 1961(4): 496.  
Holman, 1962(2): 257 (Pleistocene)  
Uyeno & Miller, 1962(2): 339 (Pleistocene - Texas)  
Auffenberg, 1962(3): 627 (Pleistocene - Texas)  
Hooijer, 1963(3): 579 (Pleistocene - Curacao)
- GEOCHELONE** subgen. **HESPEROTESTUDO**  
Auffenberg, 1962(3): 627.
- GEOCHELONE CUBENSIS** (Leidy)  
Hooijer, 1963(3): 579 (Cuba)
- GEOCHELONE ELEPHANTINA**  
Hooijer, 1963(3): 579.
- GEOCHELONE EQUICOMES** (Hay, 1917)  
Auffenberg, 1962(3): 630 (Pleistocene - Kansas)
- GEOCHELONE EXORNATA** (Lambe)  
Auffenberg, 1962(3): 627.
- GEOCHELONE INCISA** (Hay, 1916)  
Auffenberg, 1962(3): 627, 630. (Pleistocene - Fla.)
- GEOCHELONE JOHNSTONI**  
Auffenberg, 1962  
Auffenberg, 1962(3): 627, 630 (Pleistocene - Texas)
- GEOCHELONE KALGANENSIS** (Gillmore, 1931)  
Auffenberg, 1962(3): 627, 630 (Tertiary - N. China, Asia)
- GEOCHELONE MONENSIS** (Williams)  
Hooijer, 1963(3): 579 (Mono Isl.)

- GEOCHELONE ORTHOPYGIA** (Cope)  
Smith, 1962(3): 506 (Pliocene -  
Nebr.)  
Auffenberg, 1962(3): 632 (Pliocene)  
Tihen & Chantell, 1963(3): 506.
- GEOCHELONE OSBORNIANA** (Hay)  
Auffenberg, 1962(3): 632 (Miocene).
- GEOCHELONE RIGGSI** (Hibbard,  
1944)  
Auffenberg, 1962(3): 627, 630  
(Lower - Upper Pliocene -  
Kansas)
- GEOCHELONE SOMBRERENSIS**  
(Leidy)  
Hooijer, 1963(3): 579 (Sombrero Isl.)
- GEOCHELONE SULCATA**  
Auffenberg, 1961(4): 498.
- GEOCHELONE TURGIDA** (Cope)  
Auffenberg, 1962(3): 627, 628  
(Texas)
- GEOCHELONE WILSONI** (Milstead,  
1956)  
Auffenberg, 1962(3): 627, 630  
(Pleistocene - Texas)
- GEOEMYDA RUBIDA PERIXANTHA**  
Mosimann & Rabb  
Mosimann, 1955(1): 59 (measuring)
- GEOEMYDA RUBIDA RUBIDA** (Cope)  
Mosimann, 1955(1): 59 (measuring)
- GEOPHIS SEMIANNULATUS** Smith  
Martin, 1955(3): 173, 177  
(Tamaulipas, Mexico)
- GEOTRYPTES ANGELI** Parker  
Parker & Dunn, 1964(1): 76  
(Dentitional metamorphosis)
- GEOTRYPTES SERAPHINI**  
(Duméril)  
Parker & Dunn, 1964(1): 76  
(Dentitional metamorphosis)
- GERRHONOTUS WIEGMANN**  
—Alligator Lizards  
Committee on Common Names,  
1956(3): 179.
- GERRHONOTUS ALBIGULARIS**  
Underwood, 1957(1): 26.
- GERRHONOTUS COERULEUS**  
Wiegmann—Northern alligator  
lizard.  
Hebard & Charipper, 1955(4): 306  
(phylogeny)  
Committee on Common Names,  
1956(3): 179.  
Hunsaker & Johnson, 1959(4): 313  
(Pigm.)  
LaPointe, 1964(2): 452 (Induction  
of oviposition)
- GERRHONOTUS COERULEUS**  
**COERULEUS** Wiegmann  
—San Francisco Alligator  
lizard.  
Committee on Common Names,  
1956(3): 179.
- GERRHONOTUS COERULEUS**  
**PALMERI** (Stejn.)  
—Sierra Alligator Lizard.  
Committee on Common Names,  
1956(3): 179.
- GERRHONOTUS COERULEUS**  
**PRINCIPIS** (Baird & Girard)  
—Northern Alligator Lizard.  
Committee on Common Names,  
1956(3): 179.
- GERRHONOTUS COERULEUS**  
**SHASTENSIS** Fitch  
—Shasta Alligator Lizard.  
Committee on Common Names,  
1956(3): 179.
- GERRHONOTUS COERULEUS**  
**UTAHENSIS** Woodbury  
—Utah Alligator Lizard.  
Committee on Common Names,  
1956(3): 179.
- GERRHONOTUS IMBRICATUS** (Gray)  
Estes, 1963(4): 678.
- GERRHONOTUS KINGI** Gray  
—Arizona Alligator Lizard.  
Committee on Common Names,  
1956(3): 179.  
Hunsaker & Johnson, 1959(4): 313  
(Pigm.)  
Schmidt, 1964(3): 545 (Cochlea)
- GERRHONOTUS KINGI NOBILIS**  
Baird & Girard—Arizona  
Alligator Lizard.  
Committee on Common Names,  
1956(3): 179.
- GERRHONOTUS LEVICOLLIS**  
(Stejn.)—Sierra Madre  
Alligator Lizard.  
Committee on Common Names,  
1956(3): 179.
- GERRHONOTUS LEVICOLLIS LEVI-**  
**COLLIS** (Stejn.)  
—Sierra Madre Alligator Lizard.  
Committee on Common Names,  
1956(3): 179.
- GERRHONOTUS LIOCEPHALUS**  
Wiegmann—Texas Alligator  
Lizard.  
Martin, 1955(3): 173 (Tamaulipas,  
Mexico)  
Committee on Common Names,  
1956(3): 179.

## GERRHONOTUS LIOCEPHALUS

(continued)

Hunsaker &amp; Johnson, 1959(4): 313

(Pigm.)

Estes, 1963(4): 676.

## GERRHONOTUS LIOCEPHALUS IN-

FERNALIS (Baird)

—Texas Alligator Lizard.

Committee on Common Names

1956(3): 179.

## GERRHONOTUS MONTICOLUS

Cope, 1878

Estes, 1963(4): 678.

## GERRHONOTUS MULTICAR-

INATUS (Blainville)

—Southern Alligator Lizard.

Committee on Common Names,

1956(3): 179.

Eakin, 1957(2): 148 (noosing)

Wilhoft, 1958(4): 270.

Hunsaker &amp; Johnson, 1959(4): 313

(Pigm.)

## GERRHONOTUS MULTICARINATUS

MULTICARINATUS (Blainville)

—California Alligator Lizard.

Committee on Common Names,

1956(3): 179.

## GERRHONOTUS MULTICARINATUS

SCINCICAUDA (Skilton)

—Oregon Alligator Lizard.

Committee on Common Names,

1956(3): 179.

## GERRHONOTUS MULTICARINATUS

WEBBI (Baird)—San Diego

Alligator Lizard.

Committee on Common Names,

1956(3): 179.

## GERRHONSAURIDAE

Underwood, 1957(1): 29.

## GLYPHOGLOSSUS MOLOSSUS

Günther

Savage, 1955(2): 124.

## GLYPTOSAURUS Marsh, 1871

Estes, 1963(4): 678 (Cenozoic)

## GONATODES Fitzinger

—Padless Geckos

Committee on Common Names,

1956(3): 179.

## GONATODES FUSCUS (Hallowell)

—Yellow-headed Gecko.

Hibard &amp; Charipper, 1955(4): 305

(Phylogeny)

Committee on Common Names,

1956(3): 179.

## GONYOSOMA Wagler, 1828

Dowling, 1958(1): 29, 38

(Validation)

## GONYOSOMA JANSENI Bleeker

Dowling, 1958(1): 38 (Tax.)

## GONYOSOMA OXYCEPHALUM Boie

Dowling, 1958(1): 30 (Tax.)

## GONYOSOMA VIRIDE Wagler, 1828

Dowling, 1958(1): 38 (Tax.)

## GOPHERUS Raf.

—Gopher Tortoises

Committee on Common Names,

1956(3): 177.

Holman, 1959(2): 101.

Auffenberg, 1961(4): 496.

Holman, 1962(2): 257 (Pleistocene)

## GOPHERUS AGASSIZI (Cooper)

—Desert tortoise.

Miller, 1955(2): 113 (Calif. -

observ.)

Committee on Common Names,

1956(3): 177.

## GOPHERUS ATASCOASE (Hay)

Milstead, 1956(3): 163 (Fossil -  
Texas)

## GOPHERUS BERLANDIERI

(Agassiz)—Texas tortoise.

Committee on Common Names,

1956(3): 177.

Neill &amp; Allen, 1957(4): 307.

## GOPHERUS INCISA (Hay, 1916)

Auffenberg, 1962(3): 630 (Syn.)

## GOPHERUS KALGANENSIS

(Gilmore)

Auffenberg, 1962(3): 630 (Syn.)

## GOPHERUS POLYPHEMUS (Daudin)

—Gopher tortoise.

Allen &amp; Neill, 1955(1): 64 (Fla.)

Committee on Common Names,

1956(3): 177.

Neill &amp; Allen, 1957(4): 307

(Laminal spurs)

Holman, 1958(4): 277 (Pleistocene -  
Fla.)Holman, 1959(2): 101 (Pleistocene -  
Fla.)

Telford, 1959(2): 111 (Fla.)

## GOPHERUS RIGGSI (Hibbard)

Auffenberg, 1962(3): 630 (Syn.)

## GOPHERUS TURGIDA (Cope, 1892)

Auffenberg, 1962(3): 628 (Syn.)

## GRAPTEMYS Agassiz

—Map Turtles &amp; Sawbacks.

Committee on Common Names,

1956(3): 177.

## GRAPTEMYS BARBOURI Carr &amp;

Marchand—Barbour's Map

Turtle.

Committee on Common Names,

1956(3): 177.

Tinkle, 1959(2): 168 (Ala.)



**GRAPTEMYS FLAVIMACULATA**

Cagle—Yellow-blotched  
Sawback.

Cagle, 1955(4): 307 (Courtship  
behavior in hatchlings)

Committee on Common Names,  
1956(3): 177.

**GRAPTEMYS GEOGRAPHICA**

(Le Sueur)—Map Turtle.

Mosimann, 1955(1): 58 (Cross-  
sections & volume)

Committee on Common Names,  
1956(3): 177.

Olson, 1956(3): 190 (Ill.)

Tinkle, 1959(2): 168 (Ala.)

Werner, 1959(2): 171 (Thousand  
Isl., N. Y.)

Holman, 1960(1): 59 (Indiana)

Akers & Damm, 1963(4): 629  
(Electrocardiograph)

Conant et al, 1964(1): 212 (Ohio)

**GRAPTEMYS KOHNI** (Baur)

Cagle, 1955(4): 307 (Courtship  
behavior in hatchlings)

**GRAPTEMYS NIGRINODA** Cagle,  
1954—Black-knobbed Sawback.

Committee on Common Names,  
1956(3): 177.

Tinkle, 1959(2): 168 (Ala.)

**GRAPTEMYS OCULIFERA** (Baur)

—Ringed Sawback.

Committee on Common Names,  
1956(3): 177.

Anderson, 1958(3): 212 (Behavior  
of hatchlings)

**GRAPTEMYS PSEUDOGEOGRAPHICA**

(Gray)—False Map Turtle.

Committee on Common Names,  
1956(3): 177.

Conant, Trautman & McLean,  
1964(1): 212 (Ohio)

**GRAPTEMYS PSEUDOGEOGRAPHICA**

KOHNI (Baur)—Mississippi  
Map Turtle.

Committee on Common Names,  
1956(3): 177.

**GRAPTEMYS PSEUDOGEOGRAPHICA**

OUACHITENSIS Cagle  
—Ouachita Map Turtle.

Committee on Common Names,  
1956(3): 177.

Conant et al, 1964(1): 213.

**GRAPTEMYS PSEUDOGEOGRAPHICA**

PSEUDOGEOGRAPHICA (Gray)  
—False Map Turtle.

Committee on Common Names,  
1956(3): 177.

**GRAPTEMYS PSEUDOGEOGRAPHICA**

SABINENSIS Cagle

—Sabine Map Turtle.

Committee on Common Names,  
1956(3): 177.

**GRAPTEMYS PSEUDOGEOGRAPHICA**

VERSA (Stejn.)

—Texas Map Turtle.

Committee on Common Names,  
1956(3): 177.

**GRAPTEMYS PULCHRA** Baur

—Alabama Map Turtle.

Committee on Common Names,  
1956(3): 177.

Anderson, 1958(3): 212 (Behavior  
of hatchlings)

Tinkle, 1959(2): 168 (Ala.)

**GYMNODACTYLUS** Spix

Haas & Battersby, 1959(3): 199.

Betz, 1962(2): 284 (Effects of  
surgical anesthesia)

**GYMNODACTYLUS KOTSCHYI**

Steindachner

Weber, 1960(2): 153 (Iraq)

**GYMNODACTYLUS SCABER** Heyden

Weber, 1960(2): 153 (Iraq)

**GYMNOPHTHALMUS** Merrem

Stuart, 1957(2): 93 (Distrib.)

**GYMNOPIIS MEXICANA CLARKI**

(Barbour)

Parker & Dunn, 1964(1): 80

(Dentitional metamorphosis)

**GYMNOPIIS MEXICANA GRACILIOR**

(Günther)

Parker & Dunn, 1964(1): 80

(Dentitional metamorphosis)

**GYMNOPIIS MEXICANUS MEXICANUS**

(Dum. & Bibr.)

Feuer, 1962(3): 636 (Structure of  
scales)

Parker & Dunn, 1964(1): 80

(Dentitional metamorphosis)

**GYMNOPIIS MULTIPLICATA** Peters

Parker & Dunn, 1964(1): 80

(Dentitional metamorphosis)

**GYMNOPIIS MULTIPLICATA**

OAXACAE Mertens

Parker & Dunn, 1964(1): 81

(Dentitional metamorphosis)

**GYMNOPIIS MULTIPLICATA**

PROXIMA (Cope)

Parker & Dunn, 1964(1): 80

(Dentitional metamorphosis)

**GYMNOPIIS NICEFORI** Barbour

Parker & Dunn, 1964(1): 81

(Dentitional metamorphosis)

- GYMNOPSIS PARVICEPS (Dunn)  
Parker & Dunn, 1964(1): 81  
(Dentitional metamorphosis)
- GYRINOPHILUS Cope, 1869  
—Spring Salamanders.  
Committee on Common Names,  
1956(3): 174.  
Grobman, 1959(1): 60 (Ant.  
Cranial elements)  
Martof & Rose, 1962(4): 727  
(Osteology)  
Valentine & Dennis, 1964(1): 196  
(larvae)  
Valentine, 1964(3): 583 (Gills &  
gill slits)
- GYRINOPHILUS DANIELSI (Blatchley)  
—Mountain Spring Salamander.  
Committee on Common Names,  
1956(3): 174.
- GYRINOPHILUS DANIELSI DANIELSI  
(Blatchley)—Blue Ridge Spring  
Salamander.  
Committee on Common Names,  
1956(3): 174.  
Martof & Rose, 1962(4): 727  
(Osteology)  
Organ & Lowenthal, 1963(4): 659-  
660 (Spermatophores)
- GYRINOPHILUS DANIELSI DUNNI  
(Mittleman & Jopson)  
—Carolina Spring Salamander.  
Martof, 1955(3): 167 (Ga.)  
Martof & Humphries, 1955(3): 246  
(Ga.)  
Committee on Common Names,  
1956(3): 174.  
Neill, 1957(1): 43, 45 (Ga.)  
Schwartz, 1957(2): 98 (S.C.)
- GYRINOPHILUS DANIELSI POLY-  
STICTUS Reese, 1950  
—Mount Mitchell Spring  
Salamander.  
Committee on Common Names,  
1956(3): 174.
- GYRINOPHILUS LUTESCENS (Raf.)  
—Kentucky Cave Salamander.  
Committee on Common Names,  
1956(3): 174.
- GYRINOPHILUS PALLEUCUS  
McCrary—Tennessee Cave  
Salamander.  
Committee on Common Names,  
1956(3): 174.
- GYRINOPHILUS PALLEUCUS NEC-  
TUROIDES Lazell &  
Brandon, 1962  
Lazell & Brandon, 1962(2): 301  
(Tenn.)
- GYRINOPHILUS PALLEUCUS NEC-  
TUROIDES (continued)  
Dent & Kirby-Smith, 1963(1): 119  
(metamorphic physiology &  
morphology)
- GYRINOPHILUS PALLEUCUS PAL-  
LEUCUS McCrary, 1954  
—Tennessee Cave Salamander.  
Brown & Alcala, 1957(1): 43.  
Lazell & Brandon, 1962(2): 300.  
Martof & Rose, 1962(4): 727  
(Osteology)  
Dent & Kirby-Smith, 1963(1): 119  
(Metamorphic Physiology &  
Morphology)
- GYRINOPHILUS PORPHYRITICUS  
(Green)—Spring Salamander.  
Committee on Common Names,  
1956(3): 174.
- GYRINOPHILUS PORPHYRITICUS  
DANIELSI (Blatchley)  
—Kentucky Spring Salamander.  
Committee on Common Names,  
1956(3): 174.  
Neill, 1957(1): 45 (Syn.)
- GYRINOPHILUS PORPHYRITICUS IN-  
AGNOSCUS Mittleman  
—Ohio Spring Salamander.  
Committee on Common Names,  
1956(3): 174.  
Condit, 1958(1): 46 (type loc. -Ohio)
- GYRINOPHILUS PORPHYRITICUS  
PORPHYRITICUS (Green)  
—Northern Spring Salamander.  
Thurow, 1955(2): 143 (Ala.)  
Committee on Common Names,  
1956(3): 174.  
Grobman, 1959(1): 60 (Ant. cranial  
elements)  
Lazell & Brandon, 1962(2): 301.  
Martof & Rose, 1962(4): 727  
(Osteology)  
Valentine & Dennis, 1964(1): 196  
(larvae)

## H

- HABRAHYLA Goin, 1961  
Goin, 1961(1): 62 (S.A.)
- HABRAHYLA EISELTI Goin, 1961  
Goin, 1961(1): 62-63 (Brazil)
- HADRIANUS Cope  
Hooijer, 1963(3): 579 (Eocene)
- HAIDEOTRITON Carr—Georgia  
Blind Salamander.  
Committee on Common Names,  
1956(3): 174.  
Valentine & Dennis, 1964(1): 200.

- HAIDEOTRITON** (continued)  
Valentine, 1964(3): 583 (Gills & gill slits)
- HAIDEOTRITON WALLACEI** Carr,  
1939—Georgia Blind Salamander.  
Committee on Common Names,  
1956(3): 174.  
Pylka & Warren, 1958(4): 334, pl.  
(Popul. in Fla.)
- HALDEA** Baird & Girard, 1853  
—Earth Snakes.  
Committee on Common Names,  
1956(3): 182.  
Zillig, 1958(2): 152 (Status)
- HALDEA STRIATULA** (Linn.)  
—Rough Earth Snake.  
Committee on Common Names,  
1956(3): 182.  
Zillig, 1958(2): 152 (Status)  
White, 1960(1): 49 (N.C.)  
Holman, 1962(2): 258.  
Ferguson, 1963(2): 442 (Heptachlor)
- HALDEA VALERIAE** (Baird & Girard)—Smooth Earth Snake.  
Committee on Common Names,  
1956(3): 182.
- HALDEA VALERIAE ELEGANS**  
(Kennicott)—Western Earth Snake.  
Committee on Common Names,  
1956(3): 182.
- HALDEA VALERIAE PULCHRA**  
Richmond, 1954—Mountain Earth Snake.  
Committee on Common Names,  
1956(3): 182.  
Bothner & Moore, 1964(4): 709  
(Pa. - litters)
- HALDEA VALERIAE VALERIAE**  
(Baird & Girard)  
—Eastern Earth Snake.  
Martof, 1955(4): 304 (Ga.)  
Committee on Common Names,  
1956(3): 182.  
Conant, 1958(1): 51 (Delmarva)  
Ferguson, 1961(4): 394 (Miss.)  
Holman, 1962(2): 258.  
Campbell, 1962(2): 438 (Fla.)
- HALOPHILA JAGORI** Peters, 1863  
Brown & Inger, 1964(2): 451 (Syn.)
- HAPLOGLOSSA** Cope  
Highton, 1961(1): 65 (Costa Rica)
- HAPTOGLOSSA PRESSICAUDA** Cope  
Highton, 1961(1): 65.
- HELEIOPORUS ALBOPUNCTATUS**  
Günther  
Littlejohn & Main, 1959(3): 266  
(Call structure - Australia)
- HELEIOPORUS AUSTRALIACUS**  
(Shaw)  
Littlejohn & Main, 1959(3): 266  
(Call structure - Australia)
- HELEIOPORUS EYREI** (Gray)  
Littlejohn & Main, 1959(3): 266  
(Call structure - Australia)
- HELEIOPORUS INORNATUS** Lee & Main, 1954  
Littlejohn & Main, 1959(3): 266  
(Call structure - Australia)
- HELEIOPORUS PSAMMOPHILUS**  
Lee & Main, 1954  
Littlejohn & Main, 1959(3): 266  
(Call structure - Australia)
- HELICOPS** Gray  
Dunn & Dowling, 1957(4): 260.
- HELICOPS SCHISTOSUS** Daud.  
Perkins, 1955(3): 262 (Longevity - PZ)
- HELODERMA** Wiegmann  
—Beaded Lizards.  
Committee on Common Names,  
1956(3): 179.  
Estes, 1963(4): 678.
- HELODERMA HORRIDUM** Cope  
—Mexican beaded lizard.  
Zarafonitis & Kalas, 1960(3): 240  
(Hematologic & Biochem.)  
Schmidt, 1964(3): 548 (Cochlea)
- HELODERMA SUSPECTUM** Cope  
—Gila Monster.  
Hebard & Charipper, 1955(4): 306  
(phylogeny)  
Brown & Lowe, 1955(1): 63 (Max. gland secretions)  
Crosman, 1956(1): 54 (longevity)  
Committee on Common Names,  
1956(3): 179.  
Underwood, 1957(1): 20, 22.  
Hunsaker & Johnson, 1959(4): 313  
(Pigm.)  
Heath, 1961(4): 491 (Trailing device)  
Zweifel, 1962(4): 761.
- HELODERMATIDAE**  
Schmidt, 1964(3): 545 (Cochlea)
- HEMACHATUS HAEMACHATUS**  
(Lac.)  
Perkins, 1955(3): 262 (Longevity - BbZ)  
Keegan et al, 1962(2): 315 (Venom)
- HEMIDACTYLUM** Tschudi—  
Four-toed Salamander.  
Committee on Common Names,  
1956(3): 174  
Valentine & Dennis, 1964(1): 199.  
Valentine, 1964(3): 583 (Gills & gill slits)

## HEMIDACTYLUM SCUTATUM

Schlegel—Eastern four-toed salamander.

Martof, 1955(3): 167 (Ga.)

Reed, 1955(3): 253 (Conn.)

Committee on Common Names, 1956(3): 174.

Neill, 1957(1): 44 (Ga.)

Highton, 1957(2): 108 (Costal grooves - trunk vertebrae)

Bleakney & Cook, 1957(2): 142 (Nova Scotia)

Stevenson, 1958(1): 49 (Fla.)

Werner, 1959(2): 171 (Thousand Isl., N. Y.)

Martof & Rose, 1962(4): 730.

Organ & Lowenthal, 1963(4): 659 (Spermatophores)

Valentine & Dennis, 1964(1): 200.

## HEMIDACTYLUS Oken

—House Geckos

Committee on Common Names, 1956(3): 179.

Wilhoft, 1958(4): 269.

Lazell, 1964(4): 718.

## HEMIDACTYLUS BROOKI Gray

Wilhoft, 1958(4): 274.

Bustard, 1963(2): 434.

## HEMIDACTYLUS FLAVIRIDIS

Rueppell—Indian House Geckos.

Church, 1962(2): 262 (Reprod. cycle)

## HEMIDACTYLUS FRENATUS (Dum. &amp;

Bibr.)—House geckos.

Brown & Alcala, 1957(1): 39 (Exposure to sea water)

Loveridge, 1959(1): 70 (Java & Ascension Isl.)

Church, 1962(2): 262 (Reprod. cycle - Java)

## HEMIDACTYLUS SHUGRAENSIS

Haas & Battersby, 1959

Haas & Battersby, 1959(3): 198 (Arabia)

## HEMIDACTYLUS TURCICUS (Linn.)

—Mediterranean gecko.

Hebard & Charipper, 1955(4): 305 (Phylogeny)

Committee on Common Names, 1956(3): 179.

Weber, 1960(2): 153 (Iraq)

## HEMIDACTYLUS TURCICUS TURCICUS (Linn.)

—Mediterranean gecko.

Committee on Common Names, 1956(3): 179.

Haas & Battersby, 1959(3): 198 (Arabia)

## HEMIDACTYLUS TURCICUS TURCICUS (continued)

Treadwell, 1962(2): 434 (Texas)

Schmidt, 1964(3): 545 (Cochlea)

## HEMIDACTYLUS YERBURYI

Anderson

Haas & Battersby, 1959(3): 198 (Arabia)

## HEMISUS Günther

Laurent, 1963(2): 395 (Tax.)

## HEMISUS BRACHYDACTYLUS

Laurent

Laurent, 1963(2): 396 (Tanganyika)

## HEMISUS GUINEENSIS Cope, 1865

Laurent, 1963(2): 395 (Guinea)

## HEMISUS GUTTATUS Rapp, 1842

Laurent, 1963(2): 395 (Natal.)

## HEMISUS MARMORATUS Peters, 1854.

Laurent, 1963(2): 395 (Mozambique)

## HEMISUS MARMORATUM Noble, 1923.

Laurent, 1963(2): 398 (= olivaceus)

## HEMISUS MARMORATUM Schmidt &amp; Inger, 1959

Laurent, 1963(2): 397 (= wittei)

## HEMISUS MARMORATUM GUINE-ENSE Lovendge, 1933 (p.p.)

Laurent, 1963(2): 396 (= brachydactylus)

## HEMISUS OLIVACEUS Laurent

Laurent, 1963(2): 398 (N. E. Congo)

## HEMISUS SUDANENSIS Steindachner, 1863.

Laurent, 1963(2): 395 (Sudan)

## HEMISUS TAITANUS Peters, 1882

Laurent, 1963(2): 395 (Kenya)

## HEMISUS VERMICULATUS Peters, 1882.

Laurent, 1963(2): 395 (Ashanti, Ghana)

## HEMISUS WITTEI Laurent

Laurent, 1963(2): 397 (Katanga, Congo)

## HEMOGLOBINS - ANURANS

Bertini & Rathe, 1962(1): 181 (Electrophoretic analysis)

## HERPETOFAUNAL DISPERSAL ROUTES

Stuart, 1957(2): 89 (N. Cent. America)

## HETERODON Latreille—Hognose snake.

Committee on Common Names, 1956(3): 182.

Holman, 1962(2): 259.

Holman, 1964(4): 633.

- HETERODON BREVIS** Auffenberg  
Holman, 1964(4): 633 (Plioc. - Fla.)
- HETERODON BROWNII** Stejneger, 1903.  
Edgren, 1957(4): 312 (Status)
- HETERODON CONTORTRIX** (Linn.)  
Edgren, 1957(4): 312 (Status)
- HETERODON NASICUS** Baird & Girard—Western Hognose Snake.  
Campbell, 1956(2): 125 (New Mexico)  
Committee on Common Names, 1956(3): 182.  
Edgren, 1961(2): 125.  
Holman, 1962(2): 259.  
Zweifel, 1962(4): 761.  
Holman, 1964(4): 633.
- HETERODON NASICUS GLOYDI** —Dusky Hognose Snake.  
Committee on Common Names, 1956(3): 182.
- HETERODON NASICUS KENNERLYI** (Kennicott)—Mexican Hognose Snake.  
Committee on Common Names, 1956(3): 182.
- HETERODON NASICUS NASICUS** .  
Baird & Girard—Plains Hognose Snake.  
Committee on Common Names, 1956(3): 182.
- HETERODON PLATYRHINOS**  
Latreille—Eastern Hognose Snake.  
Committee on Common Names, 1956(3): 182.
- HETERODON PLATYRHINOS BROWNII**  
Stejneger—South Florida Hognose Snake.  
Committee on Common Names, 1956(3): 182.  
Edgren, 1961(2): 127.
- HETERODON PLATYRHINOS PLATYRHINOS** Latreille—Eastern Hog-nosed snake.  
Edgren & Edgren, 1955(1): 2 (Bluffing & death-feigning)  
Committee on Common Names, 1956(3): 182.  
Olson, 1956(3): 189 (Ill.)  
Schwartz, 1957(2): 98 (S.C.)  
Edgren, 1957(4): 312.  
Holman, 1958(4): 278 (Pleistocene-Fla.)  
Kennedy, 1959(1): 71 (Egg compl.-Fla.)
- HETERODON PLATYRHINOS PLATYRHINOS** (continued)  
Holman, 1959(2): 100 (Pleistocene-Fla.)  
Holman, 1960(1): 58 (Indiana)  
Edgren, 1961(2): 125 (Geogr. variation)  
Ferguson, 1963(2): 442 (Heptochlor)  
Holman, 1964(4): 633.
- HETERODON PLIONASICUS** Peters  
Holman, 1964(4): 633 (Plio. - Kansas)
- HETERODON SIMUS** Linn.—Southern Hognose Snake.  
Allen & Neill, 1955(1): 64 (Fla.)  
Committee on Common Names, 1956(3): 182.  
Holman, 1957(3): 229.  
Holman, 1959(2): 100 (Pleistocene-Fla.)  
Edgren, 1961(2): 125.  
Holman, 1964(4): 633.
- HISPANIOLUS** Cochran  
Etheridge, 1964(4): 630 (Skeleton)
- HOLASPIS GUENTHERI** Gray  
Schiotz & Volsae, 1959(3): 259 (Gliding flight)
- HOLBROOKIA** Girard—Earless Lizards.  
Committee on Common Names, 1956(3): 179.  
Earle, 1961(4): 405 (Middle ear)  
Earle, 1962(1): 185 (Middle ear)  
Holman, 1962(2): 257 (Pleistocene)  
Betz, 1963(4): 692 (ovarian morphol.)
- HOLBROOKIA BUNKERI** H. M. Smith, 1935  
Earle, 1961(4): 405 (Middle ear)
- HOLBROOKIA LACERATA LACERATA**  
Cope—Spot-tailed Earless Lizard.  
Committee on Common Names, 1956(3): 179.  
Etheridge, 1964(4): 618 (Skeleton morph.)
- HOLBROOKIA LACERATA SUBCAUDALIS** Axtell  
Earle, 1961(4): 405 (Middle ear)
- HOLBROOKIA MACULATA** Girard—Lesser Earless Lizard.  
Committee on Common Names, 1956(3): 179.
- HOLBROOKIA MACULATA APPROXIMANS** (Baird)—Speckled Earless Lizard.  
Committee on Common Names, 1956(3): 179.

- HOLBROOKIA MACULATA APPROXIMANS** (continued)  
 Earle, 1961(4): 405 (Middle ear)  
 Etheridge, 1964(4): 618 (Skeleton morph.)
- HOLBROOKIA MACULATA BUNKERI**  
 H. M. Smith, 1935  
 Etheridge, 1964(4): 630 (Skeleton)
- HOLBROOKIA MACULATA DICKERSONAE** Schmidt  
 Etheridge, 1964(4): 618 (Skeleton morph.)
- HOLBROOKIA MACULATA ELEGANS**  
 Bacourt—Western Earless Lizard.  
 Committee on Common Names, 1956(3): 179.  
 Earle, 1961(4): 405 (Middle ear)  
 Etheridge, 1964(4): 618 (Skeleton morph.)
- HOLBROOKIA MACULATA MACULATA** Girard—  
 Northern earless lizard.  
 Bundy, Meyer & Neess, 1955(4): 312 (Mex.)  
 Committee on Common Names, 1956(3): 179.  
 Etheridge, 1958(2): 99.  
 Hunsaker & Johnson, 1959(4): 313 (Pigm.)  
 Earle, 1961(1): 68 (Middle ear)  
 Earle, 1961(3): 355 (Ear)  
 Earle, 1961(4): 405 (Middle ear)  
 Etheridge, 1964(4): 613, 618 (Skeleton morph.)
- HOLBROOKIA MACULATA PULCHRA** (Schmidt)—Huachuca Earless Lizard.  
 Committee on Common Names, 1956(3): 179.
- HOLBROOKIA MACULATA RUTHVENI**  
 Smith—Bleached Earless Lizard.  
 Smith, 1955(2): 135 (Pallid - New Mex.)  
 Committee on Common Names, 1956(3): 179.  
 Etheridge, 1964(4): 630 (Skeleton)
- HOLBROOKIA MACULATA THERMOPHILA** Barbour  
 Etheridge, 1964(4): 613, 630 (Skeleton)
- HOLBROOKIA PROPINQUA PROPINQUA** Baird & Girard—  
 Keelless earless lizard.  
 Committee on Common Names, 1956(3): 179.
- HOLBROOKIA PROPINQUA PROPINQUA** (continued)  
 Hunsaker & Johnson, 1959(4): 313 (Pigm.)  
 Earle, 1961(4): 405 (Middle ear)  
 Etheridge, 1964(4): 618 (Skeletal morph.)
- HOLBROOKIA TEXANA** Troschel  
 —Greater Earless Lizard.  
 Committee on Common Names, 1956(3): 179.
- HOLBROOKIA TEXANA SCITULA**  
 Peters—Southwestern Earless Lizard.  
 Committee on Common Names, 1956(3): 179.  
 Earle, 1961(4): 405 (Middle ear)  
 Etheridge, 1964(4): 613, 618 (Skeletal morph.)
- HOLBROOKIA TEXANA TEXANA**  
 Troschel—Texas Earless Lizard.  
 Committee on Common Names, 1956(3): 179.  
 Etheridge, 1958(2): 98 (Pleistocene)  
 Hunsaker & Johnson, 1959(4): 313 (Pigm.)  
 Johnson, 1960(4): 297 (Reprod. cycle in female)  
 Earle, 1961(4): 405 (Middle ear)  
 Earle, 1962(1): 187 (Middle ear)  
 Mayhew, 1963(1): 149 (Reprod.)  
 Etheridge, 1964(4): 613, 618 (Skeleton morph.)
- HOPLODACTYLUS** Fitzinger  
 Betz, 1963(4): 692 (Ovarian morphol.)
- HYDROMANTES** Gistel—  
 Web-toed Salamanders.  
 Committee on Common Names, 1956(3): 174.  
 Martof & Rose, 1962(4): 730.
- HYDROMANTES BRUNUS** Gorman  
 —Limestone Salamander.  
 Committee on Common Names, 1956(3): 174.  
 Uzzell, 1961(1): 85 (Calcification)  
 Organ & Lowenthal, 1963(4): 659 (Spermatophores)
- HYDROMANTES GENEI** Schlegel  
 Uzzell, 1961(1): 85 (Calcification)  
 Salthe & Salthe, 1964(3): 574.
- HYDROMANTES ITALICUS** Dunn  
 Uzzell, 1961(1): 83.  
 Organ & Lowenthal, 1963(4): 659 (Spermatophores)



**HYDROMANTES PLATYCEPHALUS**

(Camp)—Mount Lyell  
Salamander.

Committee on Common Names,  
1956(3): 174.

Stewart, 1958(3): 196.

Uzzell, 1961(1): 85 (Calcification)

**HYDROMANTES SHASTAE** Gorman &  
Camp—Shasta Salamander.

Committee on Common Names,  
1956(3): 175.

Uzzell, 1961(1): 85 (Calcification)

**HYDROPHIINAE**

Dowling, 1959(1): 40 (Classification)

**HYDROPHIS** Daudin

Conaway & Fleming, 1960(1): 53.

**HYDROPHIS FASCIATUS ATRICEPS**  
(Günther)

Taylor, 1963(2): 431.

**HYDROPHIS PARVICEPS** M. Smith,  
1935.

Taylor, 1963(2): 431 (S. China Sea -  
redescript.)

**HYDROSAURUS SALVATOR** Günther  
Das, 1963(1): 154 (Ductus Botalli)**HYLA** Laurenti—Treefrogs.

Committee on Common Names,  
1956(3): 176.

**HYLA ALLENI** Goin, 1957

Goin, 1959(4): 340 (Preoccupied)

**HYLA ANDERSONI** Baird, 1854

—Pine Barrens Treefrog.

Committee on Common Names,  
1956(3): 176.

Gosner & Black, 1957(1), 31  
(Larval develop.)

Neill, 1957(2): 141 (SC - Type loc.)

Hunsaker & Johnson, 1959(4): 312  
(Pigm.)

Starrett, 1960(4): 303.

Lynch, 1963(3): 567 (Illa)

**HYLA ARBOREA** Linn.

Starrett, 1960(4): 303.

Lynch, 1963(3): 567 (Illa)

**HYLA ARBOREA JAPONICA** Günther  
Alexander & Diener, 1958(3): 218  
(Japan)**HYLA ARBOREA SAVIGNYI** Audouin  
Weber, 1960(2): 153 (Iraq)**HYLA ARENICOLA** Cope—  
Canyon Treefrog.

Brattstrom & Warren, 1955(3): 187.  
Committee on Common Names,

1956(3): 176.

Gosner & Black, 1957(1): 33.

Manville, 1957(4): 309 (Mont. Glacier  
Nat. Pk.)

**HYLA ARENICOLA** (continued)

Hunsaker & Johnson, 1959(4): 312  
(Pigm.)

Miller, 1963(1): 5 (Arizona)

Holman, 1963(3): 558.

Lynch, 1963(3): 567 (Illa)

**HYLA AUREA** (Lesson)

Starrett, 1960(4): 300.

**HYLA AVIVOCA AVIVOCA** Viosca,  
1928—Bird-voiced Treefrog.

Johnson, 1959(4): 329 (Tax.)

Pyburn, 1960(1): 55 (Miss.)

Volpe et al, 1961(3): 340

(Embryonic & larval devel.)

Ferguson, 1961(4): 393 (Miss.)

**HYLA BAUDINI** Dum. & Bibron—  
Mexican Treefrog.

Committee on Common Names,  
1956(3): 176.

Duellman, 1958(1): 49 (Mex.)

Starrett, 1960(4): 300 (Tax.)

Lynch, 1962(2): 434 (Illa)

**HYLA BERTHA** Barrio, 1963

Barrio, 1964(3): 583 (Character-  
istics)

**HYLA BISCHOFFI MULTILINEATA**

Lutz & B. Lutz

Lutz, 1963(3): 561 (Brazil)

**HYLA BISTINCTA** Cope

Starrett, 1960(4): 303.

**HYLA BIVOCATA** Duellman & Hoyt,  
1961.

Duellman & Hoyt, 1961(4): 414  
(Mexico)

**HYLA BROMELIACIA** Schmidt

Starrett, 1960(4): 303.

Duellman & Hoyt, 1961(4): 417.

**HYLA BRUNNEA** Gosse

Starrett, 1960(4): 303.

**HYLA CAERULEA** (Günther)

Lynch, 1963(3): 567 (Illa)

**HYLA CALIFORNIAE** Gorman

Holman, 1962(2): 256.

Holman, 1963(3): 558.

Lynch, 1963(3): 567 (Illa)

**HYLA CATHARINAE** Mir. - Rib.,  
1926.

Barrio, 1964(3): 583.

**HYLA CHINENSIS** Günther

Lynch, 1963(3): 567 (Illa)

**HYLA CINEREA** (Schneider)—  
Green Treefrog.

Committee on Common Names,  
1956(3): 176.

**HYLA CINEREA CINEREA**

(Schneider)—Green Treefrog.

Brattstrom & Warren, 1955(3): 186.

## HYLA CINEREA CINEREA (continued)

Committee on Common Names,  
1956(3): 176.

Hansen, 1957(4): 274 (Fla.)

Conant, 1958(1): 50 (Delmarva)

Blair, 1958(4): 333 (Response to  
call - Texas)

Holman, 1959(2): 98.

Huheey, 1959(4): 309.

Ruibal, 1959(4): 320(Marine)

Hunsaker & Johnson, 1959(4): 312  
(Pigm.)

Pyburn, 1960(1): 55 (Miss.)

Starrett, 1960(4): 303.

Holman, 1961(3): 354.

Holman, 1962(2): 256.

Lynch, 1962(2): 434 (Ila)

Boyd, Vinson & Ferguson, 1963(2):  
428 (DDT)

Holman, 1963(3): 558.

Lynch, 1963(3): 567 (Ila)

## HYLA CINEREA CINEREA X

## EVITTATA

Conant, 1958(1): 50 (Delmarva)

## HYLA CINEREA EVITTATA Miller

—Northern Green Treefrog.

Committee on Common Names,  
1956(3): 176.

## HYLA COLYMBA Dunn, 1931

Zweifel, 1964(1): 207 (Dentition)

## HYLA CREPITANS Wied, 1824

Starrett, 1960(4): 303.

Lynch, 1963(3): 567 (Ila)

## HYLA CRUCIFER Wied—

Spring Peeper

Committee on Common Names,  
1956(3): 176.

## HYLA CRUCIFER BARTRAMIANA

Harp. —Southern Spring Peeper.

Committee on Common Names,  
1956(3): 176.

Neill, 1957(1): 47 (Ga.)

Bellis, 1957(2): 88 (Calls)

Neill, 1958(1): 45 (Calls)

## HYLA CRUCIFER CRUCIFER Wied

—Northern Spring Peeper.

Schwartz, 1955(2): 138 (N.C.)

Martof, 1955(3): 168 (Ga.)

Brattstrom & Warren, 1955(3): 186.

Martof & Humphries, 1955(3): 247  
(Ga.)

Committee on Common Names,  
1956(3): 176.

Olson, 1956(3): 189 (Ill.)

Gosner & Black, 1957(1): 31 (larval  
develop.)

Bragg, 1957(1): 36 (Okla. - color  
vari.)

## HYLA CRUCIFER CRUCIFER

(continued)

Schwartz, 1957(2): 98 (S.C.)

Gibbs, 1957(4): 311 (N.Y.)

Stille, 1958(3): 217 (Water  
absorption)

Holman, 1959(2): 98.

Werner, 1959(2): 171 (Thousand  
Isl., N.Y.)

Gosner & Rossman, 1959(3): 264.

Hunsaker & Johnson, 1959(4): 312  
(Integ. pigm. & testes)

Holman, 1960(1): 57 (Indiana)

Martof, 1960(1): 58 (Autumnal  
breeding)

Starrett, 1960(4): 303.

Holman, 1961(3): 354.

Ferguson, 1961(4): 393 (Miss.)

Lynch, 1962(2): 434 (Ila)

Holman, 1963(3): 558.

Lynch, 1963(3): 567 (Ila)

Fitch, 1963(4): 650 (Kansas)

Zweifel, 1964(1): 206.

## HYLA CUSPIDATA A. Lutz, 1925

Barrio, 1964(3): 585.

## HYLA DARLINGI Smith, Smith &amp;

Werler

Lynch, 1963(3): 567 (Ila)

## HYLA DENDROSCARTA Taylor

Lynch, 1963(3): 567 (Ila)

## HYLA DOMINICENSIS (Tschudi)

Starrett, 1960(4): 303.

Lynch, 1963(3): 567 (Ila)

## HYLA EBRACCATA Cope

Duellman & Hoyt, 1961(4): 417  
(Panama Canal zone)

Lynch, 1963(3): 567 (Ila)

## HYLA ELAEOCHROA Cope, 1875

Starrett, 1960(4): 303.

## HYLA EUPHORBIACEA

Steindachner

Lynch, 1963(3): 567 (Ila)

## HYLA EWINGI Günther

Starrett, 1960(4): 303.

## HYLA EXIMIA Baird—

Arizona Treefrog.

Martin, 1955(3): 173 (Tamaulipas,  
Mexico)

Committee on Common Names,  
1956(3): 176.

Stuart, 1957(2): 93 (distrib.)

Starrett, 1960(4): 303.

Anderson, 1961(4): 375 (Mexico)

Holman, 1963(3): 558.

Lynch, 1963(3): 567 (Ila)

## HYLA EXIMIA WRIGHTORUM

(Taylor)—Arizona Treefrog.

Committee on Common Names,  
1956(3): 176.

- HYLA FABER** Wied  
 Cei, 1955(4): 291 (Argentina)  
 Lutz, 1960(1): 61 (Fighting & territory)  
 Lutz, 1960(4): 363 (Brazil)  
 Lynch, 1963(3): 567 (Ilia)
- HYLA FEMORALIS** (Latreille)—  
 Pine Woods Treefrog.  
 Committee on Common Names,  
 1956(3): 176.  
 Gosner & Black, 1957(1): 33.  
 Holman, 1959(2): 98-99  
 (Pleistocene - Fla.)  
 Telford, 1959(2): 111 (Fla.)  
 Hunsaker & Johnson, 1959(4): 312  
 (Pigm.)  
 Pyburn, 1960(1): 55 (Hybridization-  
 Miss.)  
 Starrett, 1960(4): 303.  
 Holman, 1961(3): 354.  
 Lynch, 1962(2): 434 (Ilia)  
 Holman, 1962(2): 256.  
 Holman, 1963(3): 558.  
 Lynch, 1963(3): 567 (Ilia)
- HYLA FEMORALIS CHRYSOSCELES**  
 Cope, 1880  
 Johnson, 1959(4): 329 (Tax.)
- HYLA FUSCOMARGINATA**  
 A. Lutz, 1925  
 Barrio, 1964(3): 585.
- HYLA GABBI** Cope  
 Starrett, 1960(4): 302 (Tax.)
- HYLA GEOGRAPHICA** Spix.  
 Lutz, 1963(3): 561 (Brazil)
- HYLA GLANDULOSA** Boul., 1883  
 Duellman, 1964(2): 455 (Status)
- HYLA GODMANI** Günther, 1901  
 Duellman, 1964(2): 455 (Status)
- HYLA GOINI** Auffenberg  
 Holman, 1961(3): 354 (Miocene -  
 Fla.)
- HYLA GRATIOSA** LeConte—  
 Barking treefrog.  
 Committee on Common Names,  
 1956(4): 176.  
 Neill, 1957(1): 45 (Ga.)  
 Neill, 1958(1): 44 (Various calls)  
 Holman, 1959(2): 98.  
 Pyburn, 1960(1): 55 (Miss.)  
 Starrett, 1960(4): 303.  
 Holman, 1961(3): 354.  
 Holman, 1962(2): 256.  
 Lynch, 1962(2): 434 (Ilia)  
 Holman, 1963(3): 558.  
 Lynch, 1963(3): 567 (Ilia)
- HYLA HAYII** Barbour, 1909  
 Barrio, 1964(3): 585.
- HYLA HEILPRINI** Noble  
 Starrett, 1960(4): 303
- HYLA INFRA LINEATA** Günther  
 Lynch, 1963(3): 567 (Ilia)
- HYLA LAFRENTZI** Mertens &  
 Wollerstroff  
 Holman, 1963(3): 558.  
 Lynch, 1963(3): 567 (Ilia)
- HYLA LANCIFORMIS** (Cope)  
 Lynch, 1963(3): 567 (Ilia)
- HYLA LEUCOPHYLLATA** Bereis  
 Stuart, 1957(2): 92 (Distrib.)  
 Duellman & Hoyt, 1961(4): 417.  
 Lynch, 1963(3): 567 (Ilia)
- HYLA LICHENATA** Gosse  
 Starrett, 1960(4): 303.  
 Lynch, 1963(3): 567 (Ilia)
- HYLA LINDNERI** Mueller &  
 Hellmich  
 Cei, 1955(4): 291 (Argentina)
- HYLA LOQUAX** Gaige & Stuart,  
 1934.  
 Starrett, 1960(4): 303.
- HYLA MARIANA** Dunn  
 Starrett, 1960(4): 303.
- HYLA MARMORATA** (Laurenti)  
 Lutz & Bokermann, 1963(3): 559.
- HYLA MAXIMA** (Laurenti)  
 Lynch, 1963(3): 567 (Ilia)
- HYLA MERIDIONALIS** Boettger  
 Lanza, 1962(3): 643 (Italy)
- HYLA MICROCEPHALA** Cope  
 Duellman & Hoyt, 1961(4): 417.  
 Lynch, 1963(3): 567 (Ilia)  
 Zweifel, 1964(1): 202.  
 Duellman & Klaas, 1964(2): 313  
 (Yucatan)
- HYLA MIOTYMPANUM** Cope, 1863  
 Martin, 1955(3): 173 (Tamaulipas,  
 Mexico)  
 Starrett, 1960(4): 303.  
 Holman, 1963(3): 558.  
 Lynch, 1963(3): 567 (Ilia)  
 Duellman, 1964(2): 455.
- HYLA MISERA** Wern.  
 Starrett, 1960(4): 303.
- HYLA MORAVIENSIS** Taylor, 1952  
 Starrett, 1960(4): 303.
- HYLA NAHDERERI** Lutz & Bokermann, 1963  
 Lutz & Bokermann, 1963(3): 558-  
 559, 2 fig. (Brazil)
- HYLA NANA** Boul.  
 Cei, 1955(4): 291 (Argentina)
- HYLA NASICA** Cope  
 Cei, 1955(4): 291 (Argentina)
- HYLA NASUS** Lichtenstein, 1823  
 Myers, 1962(1): 196 (Tax.)

- HYLA OCULARIS (Holbrook)—  
Little Grass Frog.  
Committee on Common Names,  
1956(3): 176.  
Bellis, 1957(2): 88 (Calls)  
Hunsaker & Johnson, 1959(4): 312  
(Pigm. - testes)  
Starrett, 1960(4): 303.  
Lynch, 1963(3): 567 (Tax., Iliia)  
Zweifel, 1964(1): 203.
- HYLA PARDALIS Spix  
Lutz, 1960(4): 364 (Brazil)
- HYLA PARKERI Gaige, 1929  
Barrio, 1964(3): 585.
- HYLA PERPUSILLA Lutz & Lutz,  
1939.  
Barrio, 1964(3): 585.
- HYLA PHAEOCRYPTA (Cope)—  
Bird-voiced Treefrog.  
Committee on Common Names,  
1956(3): 176.  
Holman, 1959(2): 98.  
Volpe et al, 1961(3): 340.  
Holman, 1961(3): 354.  
Holman, 1962(2): 256.  
Lynch, 1962(2): 434 (Iliia)  
Holman, 1963(3): 558.  
Lynch, 1963(3): 567 (Iliia).
- HYLA PHAEOCRYPTA OGECHIENSIS  
Neill—Eastern Bird-voiced  
Treefrog.  
Committee on Common Names,  
1956(3): 176.
- HYLA PHAEOCRYPTA PHAEOCRYP-  
TA (Cope)—  
Western Bird-voiced Treefrog.  
Committee on Common Names,  
1956(3): 176.
- HYLA PHAEOTA Cope  
Starrett, 1960(4): 302 (Syn.)
- HYLA PHLEBODES Stejn., 1906  
Starrett, 1960(4): 303.
- HYLA PHRYNODERMA Boul.  
Ceí, 1955(4): 291 (Argentina)
- HYLA PICTA (Günther)  
Duellman & Hoyt, 1961(4): 417.  
Holman, 1963(3): 558.  
Lynch, 1963(3): 567 (Iliia)
- HYLA PSEUDOPUMA Günther  
Starrett, 1960(4): 303.
- HYLA PULCHRILINEATA Cope  
Starrett, 1960(4): 303.  
Lynch, 1963(3): 567 (Iliia)
- HYLA PUNCTATA Schneider, 1799  
Starrett, 1960(4): 303.  
Lynch, 1963(3): 567 (Iliia)
- HYLA PUNCTATISSIMA (Reinh. &  
Lützk.)  
Lynch, 1963(3): 567 (Iliia)
- HYLA PUNCTATISSIMA APPENDI-  
CULATA Boul.  
Emsley, 1963(3): 576.
- HYLA RADDIANA Fitz.  
Ceí, 1955(4): 291 (Argentina)  
Starrett, 1960(4): 303.  
Lynch, 1963(3): 567 (Iliia)
- HYLA RANICEPS (Cope, 1862)  
Starrett, 1960(4): 303.
- HYLA RANOIDES Spix, 1824  
Myers, 1962(1): 196 (Tax.)
- HYLA REGILLA Baird & Girard  
—Pacific Treefrog.  
Committee on Common Names,  
1956(3): 176.  
Brattstrom & Warren, 1955(3): 181  
(Ecol. & Behav.)  
Jameson, 1956(1): 25 (Growth,  
Dispersal & Survival)  
Jameson & Myers, 1956(4): 261  
(Food habits)  
Gosner & Black, 1957(1): 31.  
Jameson, 1957(3): 221 (Popul. &  
homing Responses)  
Manville, 1957(4): 309 (Mont. -  
Glacier Nat. Pk.)  
Ruibal, 1959(1): 320 (Marine)  
Hunsaker & Johnson, 1959(4): 312  
(Pigm. testes)  
Starrett, 1960(4): 303.  
Holman, 1962(2): 256.  
Holman, 1963(3): 558.  
Lynch, 1963(3): 567 (Iliia)  
Hebard & Brunson, 1963(3): 570  
(Hind limb abnormalities -  
Montana)  
Metter, 1964(1): 183.
- HYLA RETICULATA Espada  
Duellman & Hoyt, 1961(4): 417.
- HYLA RICKARDSI Taylor, 1939  
Holman, 1963(3): 558.  
Lynch, 1963(3): 567 (Iliia)  
Duellman, 1964(2): 455 (Status)
- HYLA RIOJANA Koslowsky  
Ceí, 1955(4): 292 (Argentina)
- HYLA ROBERTMERTENSI Taylor,  
1937.  
Duellman & Hoyt, 1961(4): 417.
- HYLA ROBERTSORUM Taylor, 1939.  
Holman, 1963(3): 558.  
Lynch, 1963(3): 567 (Iliia)
- HYLA ROSSALLENII Goin, 1959  
Goin, 1959(4): 340 (New name for  
H. allenii)

- HYLA RUBRA Daud.  
 Stuart, 1957(2): 93 (Distrib.)  
 Goin, 1959(4): 340.  
 Starrett, 1960(4): 303.  
 Barrio, 1964(3): 583.
- HYLA SECEDENS Lutz, 1963  
 Lutz, 1963(3): 561, 1 fig.  
 (Brazil)
- HYLA SENICULA Cope  
 Lutz & Bokermann, 1963(3): 559.
- HYLA SEPTENTRIONALIS Dum. &  
 Bibr. — Cuban Treefrog.  
 Committee on Common Names,  
 1956(3): 176.  
 Hardy, 1957(2): 151 (Cuba)  
 Ruibal, 1959(4): 320 (Marine)  
 Starrett, 1960(4): 303.  
 Holman, 1961(3): 354.  
 Myers, 1962(1): 199.  
 Holman, 1962(2): 256.  
 Lynch, 1962(2): 434 (Ilia)  
 Holman, 1963(3): 558.  
 Lynch, 1963(3): 567 (Ilia)
- HYLA SHREVEI Taylor  
 Goin, 1959(4): 340 (Syn. of *H.*  
*wilderi*)
- HYLA (HYLELLA) SMARAGDINA  
 Taylor  
 Zweifel, 1964(1): 207 (Dentition)
- HYLA SMITHI Boul.  
 Duellman & Hoyt, 1961(4): 417.  
 Holman, 1963(3): 558.  
 Lynch, 1963(3): 567 (Ilia)
- HYLA SPEGAZZINII Boul.  
 Cei, 1955(4): 291 (Argentina)  
 Lynch, 1963(3): 567 (Ilia)
- HYLA SQUIRELLA Sonnini &  
 Latreille—Squirrel Treefrog.  
 Committee on Common Names,  
 1956(3): 176.  
 Volpe, 1956(4): 261 (Reciprocal  
 mis-mating)  
 Barbour, 1958(1): 49 (Not in Ky)  
 Holman, 1959(2): 98.  
 Hunsaker & Johnson, 1959(4): 312  
 (Pigm.)  
 Pyburn, 1960(1): 55 (Miss.)  
 Starrett, 1960(4): 303.  
 Holman, 1963(3): 558.  
 Lynch, 1963(3): 567 (Ilia)
- HYLA STAUFFERI Cope  
 Stuart, 1957(2): 93 (Distrib.)  
 Holman, 1963(3): 558.  
 Lynch, 1963(3): 567 (Ilia)  
 Zweifel, 1964(1): 202.  
 Duellman & Klaas, 1964(2): 313  
 (Yucatan)
- HYLA STRIGILATA FLAVOGUTTATA  
 Lutz & Lutz  
 Barrio, 1964(3): 585.
- HYLA SUMICHRASTI (Brocchi)  
 Duellman & Hoyt, 1961(4): 417.
- HYLA TIBIATRIX TIBIATRIX  
 Laurenti  
 Zweifel, 1964(1): 201 (Syn.)
- HYLA TRACHYTHORAX Muller &  
 Hellmich  
 Bertini & Rathe, 1962(1): 182-183  
 (Electrophoretic analysis)
- HYLA UNDERWOODI Boul.  
 Holman, 1963(3): 558.
- HYLA URANOCHROA Cope, 1875  
 Starrett, 1960(4): 303.
- HYLA VALANCIFER Firschein &  
 Smith, 1956  
 Fraser, 1964(3): 573 (Mexico)
- HYLA VASTA Cope  
 Starrett, 1960(4): 303.  
 Lynch, 1963(3): 567 (Ilia)
- HYLA VENULOSA Laurent  
 Cei, 1955(4): 291 (Argentina)
- HYLA VERSICOLOR (Le Conte)  
 —Gray Treefrog.  
 Committee on Common Names,  
 1956(3): 176.  
 Hubbs, Littlejohn & Littlejohn,  
 1960(1): 69 (Ammonia fumes)
- HYLA VERSICOLOR CHRYSOSCELIS  
 (Cope, 1880) Strecker, 1910  
 —Southern Gray Treefrog.  
 Committee on Common Names,  
 1956(3): 176.  
 Johnson, 1959(4): 329 (Tax.)
- HYLA VERSICOLOR PHAEOCRYPTA  
 Cope, 1889  
 Johnson, 1959(4): 329 (Tax.)
- HYLA VERSICOLOR SANDERSI  
 Smith & Brown, 1947—  
 Central Texas Treefrog.  
 Committee on Common Names,  
 1956(3): 176.  
 Johnson, 1959(4): 329 (Tax.)
- HYLA VERSICOLOR VERSICOLOR  
 (Le Conte)—Eastern Gray  
 Treefrog.  
 Martof, 1955(3): 168-169 (Ga.)  
 Brattstrom & Warren, 1955(3): 185.  
 Committee on Common Names,  
 1956(3): 176.  
 Olson, 1956(3): 189 (Ill.)  
 Gosner & Black, 1957(1): 31  
 (larval develop.)  
 Bragg, 1957(1): 36 (Okla. - color  
 variat.)

HYLA VERSICOLOR VERSICOLOR  
(continued)

- Schwartz, 1957(2): 98 (S.C.)  
 Stille, 1958(3): 217 (Water absorption)  
 Littlejohn, 1958(3): 222 (Mating)  
 Blair, 1958(4): 334 (Call response)  
 Holman, 1959(2): 98.  
 Werner, 1959(2): 171 (Thousand Isl., N.Y.)  
 Hunsaker & Johnson, 1959(4): 312 (Integ. pigm. & testes)  
 Zweifel, 1959(4): 325 (call)  
 Johnson, 1959(4): 327 (Gen. Incomp. of call cases - Texas)  
 Littlejohn, Fouquette & Johnson, 1960(1): 49 (Call discrimination by female)  
 Pyburn, 1960(1): 55 (hybridization - Miss.)  
 Starrett, 1960(4): 303.  
 Ferguson, 1961(4): 393 (Miss.)  
 Johnson, 1963(1): 139 (Mating calls)  
 Holman, 1963(3): 558.  
 Lynch, 1963(3): 567 (Iia)  
 Fitch, 1963(4): 650 (Kansas)
- HYLA VILSONIANA Cope  
 Starrett, 1960(4): 303 (H. Wilsoniana)
- HYLA WELLMANORUM Taylor  
 Starrett, 1960(4): 302 (Tax.)
- HYLA WEYERAE Taylor, 1954  
 Starrett, 1960(4): 303.
- HYLA WILDERI Dunn, 1925  
 Goin, 1959(4): 340 (Tax.)
- HYLA WRIGHTORUM Taylor  
 Hunsaker & Johnson, 1959(4): 312 (Pigm.)  
 Lynch, 1963(3): 567 (Iia)
- HYLELLA Reinh. & Lfthk.  
 Starrett, 1960(4): 300.  
 Myers, 1962(1): 198.
- HYLELLA SUMICHRISTI (Brocchi)  
 Starrett, 1960(4): 304.  
 Zweifel, 1964(1): 207 (Dentition)
- HYLIDAE  
 Hunsaker & Johnson, 1959(4): 312 (Pigm. of integument)  
 Bertini & Rathe, 1962(1): 183 (Electrophoretic analysis)  
 Holman, 1962(2): 256.
- HYLOXALUS Boulenger, 1882  
 Dunn, 1957(2): 77 (Tax.)
- HYLODES Fitzinger, 1826  
 Myers, 1962(1): 195-196 (Nomencl. hist.)
- HYLODES ASPERA (L. Müller)  
 Myers, 1962(1): 196 (Tax. - comb. nov.)

- HYLODES FITZINGERI Schmidt, 1858  
 Myers, 1962(1): 197 (Tax.)
- HYLODES GRAVENHORSTII Fitzinger, 1826  
 Myers, 1962(1): 196 (Tax.)
- HYLODES GUNTHERI Steindachner, 1864.  
 Myers, 1962(1): 197 (Tax. = H. palmatus)
- HYLODES LATERISTRIGATUS (Baumann)  
 Myers, 1962(1): 196 (Tax. - comb. nov.)
- HYLODES LINEATUS Dum. & Bibr., 1841.  
 Myers, 1962(1): 197 (Tax.)
- HYLODES MERTENSI (Bokermann)  
 Myers, 1962(1): 196 (Tax. - comb. nov.)
- HYLODES NASUS (Lichtenstein, 1823)  
 Myers, 1962(1): 195-196. (Tax. - Brazil)
- HYLODES PALMATUS Boul., 1882  
 Myers, 1962(1): 197 (Tax.)
- HYLODES PULCHER (B. Lutz)  
 Myers, 1962(1): 196 (Tax. - comb. nov.)
- HYLODES RANOIDES (Spix, 1824)  
 Myers, 1962(1): 196 (Type of genus)
- HYLODES RICORDII Dum. & Bibr., 1841.  
 Myers, 1962(1): 197 (Tax.)
- HYLODES Fitzinger, 1843  
 Myers, 1962(1): 197 (Tax. = Eleutherodactylus)
- HYLODES MARTINICENSIS (Tschudi) Dum. & Bibr., 1841  
 Myers, 1962(1): (Tax.)
- HYLOXALUS Jimenez de la Espada, 1871.  
 Dunn, 1957(2): 77 (Tax.)
- HYLOXALUS GRANULIVENTRIS Boulenger, 1919  
 Dunn, 1957(2): 77 (Tax.)
- HYLOXALUS PALMATUS Werner, 1899.  
 Dunn, 1957(2): 77 (Tax.)
- HYMENOCHIRUS Boul.  
 Rabb & Rabb, 1963(4): 636 (Breeding behavior)
- HYMENOCHIRUS BOETTGERI (Torn.)  
 Sokol, 1962(2): 272 (Tadpole)
- HYMENOCHIRUS CURTIPIES Noble, 1924.  
 Sokol, 1962(2): 272 (Tadpole)



## HYNOBIIDAE

Valentine, 1964(3): 583 (Gills & gill slits)

## HYNOBIUS Tschudi

Valentine & Dennis, 1964(1): 199.

Valentine, 1964(3): 583 (Gills & gill slits)

## HYNOBIUS LICHENATUS Boul.

Thorn, 1962(3): 638 (Japan)

## HYNOBIUS NEBULOSUS (Schlegel)

Thorn, 1962(3): 638 (Protection of brood by male)

## HYNOBIUS RETARDATUS Dunn

Thorn, 1962(3): 638 (Japan)

## HYPODICTYON Cope, 1885

Myers, 1962(1): 197 (Tax.)

## HYPOGEOPHIS Peters

Parker, 1958(2): 74.

## HYPOGEOPHIS ALTERNANS

Stejneger

Parker, 1958(2): 71.

## HYPOGEOPHIS ANGUSTICEPS

Parker, 1941

Parker, 1958(2): 71, 76.

## HYPOGEOPHIS BREVIS Boulenger

Parker, 1958(2): 71.

## HYPOGEOPHIS GUENTHERI

Boulenger

Parker, 1958(2): 75.

## HYPOGEOPHIS ROSTRATUS

GUENTHERI (Boulenger)

Parker, 1958(2): 76 (comb. nov.)

## HYPOGEOPHIS ROSTRATUS PRASLINI

Parker

Parker, 1958(2): 76 (Praslin & Curieuse)

## HYPOGEOPHIS ROSTRATUS ROSTRATUS (Cuv.)

Parker, 1958(2): 71, 74, 75.

Parker & Dunn, 1964(1): 76

(Dentitional metamorphosis)

## HYPOPACHUS Keferstein—

Sheep Frogs.

Committee on Common Names, 1956(3): 176.

## HYPOPACHUS AGUAE Stuart

Savage, 1955(2): 120 (Guatemala - ingestive, digestive & respiratory systems)

## HYPOPACHUS CUNEUS Cope—

Sheep Frog.

Committee on Common Names, 1956(3): 176.

Hunsaker & Johnson, 1959(4): 313 (Pigm.)

Duellman & Klaas, 1964(2): 314.

## HYPOPACHUS CUNEUS CUNEUS

Cope—Sheep Frog.

Committee on Common Names, 1956(3): 176.

## HYPOPACHUS MUELLERI Boettger

Cei, 1955(4): 291 (Argentina)

## HYPOPACHUS OXYRRHINUS Boul.

Duellman, 1958(1): 49 (Mex.)

## HYPSELOTRITON Wolterstorff

Valentine, 1964(3): 583 (Gills & gill slit)

## HYP SIGLENA Cope—Night Snakes.

Committee on Common Names, 1956(3): 182.

Peters, 1956(1): 57.

Cowles, 1956(4): 212 (Sidewinding)

## HYP SIGLENA TORQUATA Günther

—Night Snake.

Peters, 1956(1): 57 (Mex. to Costa Rica)

Committee on Common Names, 1956(3): 182.

Duellman, 1958(1): 49 (Mex.)

## HYP SIGLENA TORQUATA DESERTI-

COLA Tanner—Desert Night Snake.

Glaser, 1955(3): 248 (Calif.)

Committee on Common Names, 1956(3): 182.

## HYP SIGLENA TORQUATA KLAUBERI

Tanner—San Diego Night Snake.

Committee on Common Names,

1956(3): 182.

## HYP SIGLENA TORQUATA LOREALA

Tanner—Mesa Verde Night Snake.

Committee on Common Names, 1956(3): 182.

## HYP SIGLENA TORQUATA

NUCHALATA Tanner—California Night Snake.

Committee on Common Names, 1956(3): 182.

## HYP SIGLENA TORQUATA OCHRO-

RHYNCHA Cope—

Spotted Night Snake.

Glaser, 1955(3): 248 (Ariz. - rock in intest.)

Committee on Common Names, 1956(3): 182.

Goodman, 1958(2): 149 (Food of cottonmouth)

Shaw, 1962(3): 644 (Baja Calif., Mex.)

## HYP SIGLENA TORQUATA TEXANA

(Stejn.)—Texas Night Snake.

- HYP SIGLENA TORQUATA TEXANA**  
(continued)  
Committee on Common Names,  
1956(3): 182.

## I

- ICHTHYOPHIS** Fitzinger  
Feuer, 1962(3): 636 (Scales)  
**ICHTHYOPHIS GLUTINOSUS** (Linn.)  
Parker, 1958(2): 71.  
Parker & Dunn, 1964(1): 75  
(Dentitional metamorphosis)  
**ICHTHYOPHIS MONOCHROUS**  
(Bleeker)  
Leviton, 1955(3): 258 (Philippine  
Isl.)  
Parker & Dunn, 1964(1): 75  
(Dentitional metamorphosis)  
**IDIOCRANIUM RUSSELLI** Parker,  
1936.  
Parker & Dunn, 1964(1): 76  
(Dentitional metamorphosis)  
**IGUANA** Laurenti  
Etheridge, 1964(4): 630 (Skeleton)  
Lazell, 1964(4): 718.  
**IGUANA IGUANA** (Linn.)  
Schmidt, 1964(3): 548 (Cochlea)  
Norris & Dawson, 1964(4): 644  
(Adapt.)  
**IGUANIDAE**  
Donoso - Barros, 1961(4): 486  
(Chile)  
Holman, 1962(2): 257 (Pleistocene)  
Schmidt, 1964(3): 545 (Cochlea)  
**IMANTODES CENCHOA LEUCOMELAS**  
Cope  
Martin, 1955(3): 173, 179  
(Tamaulipas, Mexico)  
**INCUBATING REPTILE EGGS**  
Zweifel, 1961(1): 112-113.

## J

- JAPALURA** Gray  
Inger, 1960(3): 221.  
**JAPALURA FLAVICEPS** Barbour &  
Dunn, 1919  
Inger, 1960(3): 221.  
**JAPALURA GRAHAMI** (Stejneger,  
1924)  
Inger, 1960(3): 221.  
**JAPALURA NIGRILABRIS** (non  
Peters) de Rooij  
Inger, 1960(3): 223 (Syn.)  
**JAPALURA POLYGONATA**  
(Hallowell)  
Inger, 1960(3): 221.

- JAPALURA ROBINSONI** Boul., 1920  
Inger, 1960(3): 225 (Syn.)  
**JAPALURA SPLENDIDA** Barbour &  
Dunn, 1919  
Inger, 1960(3): 221.  
**JAPALURA SWINHONIS** Günther  
Inger, 1960(3): 221.  
**JAPALURA VARIEGATA** Gray  
Inger, 1960(3): 221 (Genotype)  
**JAPALURA YUNNANENSIS** Anders.  
Inger, 1960(3): 221.

## K

- KALOPHRYNUS PLEUROSTIGMA**  
**PLEUROSTIGMA** Tschudi  
Brown & Alcalá, 1963(4): 675  
(Bohol. Philip. Isl.)  
**KALOULA** Gray  
Alcalá, 1962(4): 720 (W. China)  
**KALOULA BALEATA** Günther  
Alcalá, 1962(4): 724 (Indonesia &  
Indochina)  
**KALOULA BOREALIS** (Barbour)  
Alcalá, 1962(4): 724 (China)  
**KALOULA CONJUNCTA MERI-**  
**DIONALIS** Inger, 1954  
Alcalá, 1962(4): 680, 716.  
(Philip. Isl.)  
**KALOULA CONJUNCTA NEGRO-**  
**SENSIS** Taylor  
Alcalá, 1962(4): 681, 715 (Negros,  
Philip. Isl.)  
**KALOULA PICTA** Günther  
Leviton, 1955(3): 258 (Philippine  
Isl.)  
Alcalá, 1962(4): 680, 720.  
**KALOULA PULCHRA** Gray  
Alcalá, 1962(4): 724 (Thailand)  
**KASSINA SENEGALENSIS** SENE-  
**GALENSIS** Dum. & Bibr.  
Liveridge, 1955(3): 257 (Gold  
Coast)  
**KENTROPYX** Spix  
Tamsitt & Valdivieso, 1963(2): 443  
(Colombia)  
**KENTROPYX ALTAMAZONICUS**  
(Cope)  
Tamsitt & Valdivieso, 1963(2): 443  
(Peru)  
**KENTROPYX CALCARATUS** Spix  
Tamsitt & Valdivieso, 1963(2): 443  
(Colombia)  
**KENTROPYX INTERMEDIUS** (Gray)  
Tamsitt & Valdivieso, 1963(2): 443  
(Brit. Guiana)  
**KENTROPYX STRIATUS** (Daudin)  
Tamsitt & Valdivieso, 1963(2): 443  
(Surinam & Venezuela, Colombia)

**KENTROPYX WILLIAMSONI**

Ruthven

Tamsitt & Valdivieso, 1963(2): 443  
(Brazil)**KINOSTERNON Spix—Mud Turtles.**Committee on Common Names,  
1956(3): 177.**KINOSTERNON BAURI Garman—**

Striped Mud Turtle.

Committee on Common Names,  
1956(3): 177.**KINOSTERNON BAURI BAURI**

Garman—Key Mud Turtle.

Committee on Common Names,  
1956(3): 177.

Einem, 1956(3): 186 (Natural

history - Fla.)

Cunningham, 1960(1): 53.

Schmidt, 1964(3): 544-545 (Cochlea)

**KINOSTERNON BAURI PALMARUM**

Stejn.—Striped Mud Turtle.

Committee on Common Names,  
1956(3): 177.Einem, 1956(3): 186 (Natural  
history - Fla.)

Cunningham, 1960(1): 53.

**KINOSTERNON FLAVESCENS**

(Agassiz)—Yellow Mud Turtle.

Committee on Common Names,  
1956(3): 177.**KINOSTERNON FLAVESCENS**

FLAVESCENS (Agassiz)—

Yellow Mud Turtle.

Committee on Common Names,  
1956(3): 177.

Carpenter, 1957(4): 278 (Okla.)

**KINOSTERNON FLAVESCENS**

SPOONERI Smith, 1951—

Illinois Mud Turtle.

Committee on Common Names,  
1956(3): 177.**KINOSTERNON HIRTIPES Wagler—**

Mexican Mud Turtle.

Committee on Common Names,  
1956(3): 177.**KINOSTERNON HIRTIPES MURRAYI**

(Glass &amp; Hartweg)—

Mexican Mud Turtle.

Committee on Common Names,  
1956(3): 177.**KINOSTERNON INTEGRUM**

Le Conte

Martin, 1955(3): 173 (Tamaulipas,  
Mexico)**KINOSTERNON SCORPIOIDES Linn.**Bertini & Rathe, 1962(1): 182-183  
(Electrophoretic analysis)**KINOSTERNON SONORIENSE**

Le Conte—Sonora Mud Turtle.

Committee on Common Names,  
1956(3): 177.**KINOSTERNON SUBRUBRUM (Lac.)**

—Mud Turtle.

Committee on Common Names,  
1956(3): 177.**KINOSTERNON SUBRUBRUM HIP-**

POCREPIS (Gray)—

Mississippi Mud Turtle.

Committee on Common Names,  
1956(3): 177.**KINOSTERNON SUBRUBRUM STEIN-**

DACHNERI (Siebenrock)—

Florida Mud Turtle.

Committee on Common Names,  
1956(3): 177.

Einem, 1956(3): 187.

**KINOSTERNON SUBRUBRUM SUB-**

RUBRUM (Lac.)—Mudturtle.

Committee on Common Names,  
1956(3): 177.

Einem, 1956(3): 187.

Murphy, 1964(1): 221 (Eaten by  
cottonmouth)**KLAUBERINA RIVERSIANA (Cope)**Savage, 1964(3): 541 (Channel Isl.,  
Calif.)**L****LACERTA Linn.**

Earle, 1961(1): 73.

Betz, 1963(4): 692 (Ovarian  
morphol.)

Schmidt, 1964(3): 545 (Cochlea)

Beargie &amp; McCoy, 1964(3): 567.

**LACERTA AGILIS Linn.**

Wilhoft, 1958(4): 268.

Mayhew, 1963(1): 146 (Repro-  
duction)**LACERTA CAUDIVERBERA Linn.,**

1758.

Myers, 1962(1): 200 (Tax.)

**LACERTA MELISELLENSIS**

FIUMANA Werner

Conant, 1959(4): 336 (Phila. Pa.)

**LACERTA MURALIS (Laur.)**

Wilhoft, 1958(4): 268.

Mayhew, 1963(1): 146 (Reproduction)

**LACERTA SICULA CAMPESTRIS**

(Betta)

Conant, 1959(4): 336 (Phila. Pa.)

**LACERTA VIVIPARA Jacq.**

Wilhoft, 1958(4): 268.

## LACERTIDAE

Schmidt, 1964(3): 545 (Cochlea)

## LACHESIS MUTA (Linn.)—

Bushmaster.

Schmidt, 1957(3): 233 (Anent)

Hirth, 1964(2): 454.

## LAEMANCTUS Fitzinger

Stuart, 1957(2): 93 (Distrib.)

Etheridge, 1964(4): 624 (Skeleton)

## LAEMANCTUS SERRATUS Cope

Martin, 1955(3): 173 (Tamaulipas, Mexico)

## LAMPROPELTIS Fitzinger—

Kingsnakes.

Committee on Common Names,  
1956(3): 182.

Dowling, 1958(1): 35.

## LAMPROPELTIS ALTERNA (Brown)

—Davis Mountain Kingsnake.

Committee on Common Names,  
1956(3): 182.

Webb, 1961(3): 326.

Gehlbach & Baker, 1962(2): 291  
(Tax.)

## LAMPROPELTIS BLAIRI Flury,

1950. —Trans-Pecos Kingsnake.

Committee on Common Names,  
1956(3): 182.

Webb, 1961(3): 328.

Gehlbach & Baker, 1962(2): 291,  
298 (Tax.)

## LAMPROPELTIS BLAIRI X ALTERNA

Gehlbach &amp; Baker, 1962(2): 299.

## LAMPROPELTIS CALLIGASTER

(Harlan)—Prairie Kingsnake.

Committee on Common Names,  
1956(3): 182.

## LAMPROPELTIS CALLIGASTER

CALLIGASTER (Harlan)—  
Prairie Kingsnake.Committee on Common Names,  
1956(3): 182.Shoop, 1957(1): 48 (Ill. - eggs &  
young)

Klimstra, 1959(3): 211.

Webb, 1961(3): 331.

Gehlbach & Baker, 1962(2): 292  
(Tax.)

## LAMPROPELTIS CALLIGASTER

RHOMBOMACULATA

(Holbrook)—Mole Snake.

Committee on Common Names,  
1956(3): 182.

## LAMPROPELTIS DOLIATA (Linn.)

—Milk Snake.

Committee on Common Names,  
1956(3): 182.

## LAMPROPELTIS DOLIATA AMAURA

Cope—Louisiana Milk Snake.

Perkins, 1955(3): 262 (Longevity -  
GPM)Committee on Common Names,  
1956(3): 182.Shaw, 1957(1): 50 (Longevity -  
GPM)Shaw, 1957(4): 310 (Longevity -  
GPM)

Meade, 1958(2): 153 (Longevity)

Shaw, 1958(3): 221 (Longevity -  
GPM)

## LAMPROPELTIS DOLIATA AN-

NULATA Kennicott—

Mexican Milk Snake.

Perkins, 1955(3): 262 (Longevity -  
SDZ)Committee on Common Names,  
1956(3): 182.Shaw, 1957(1): 50 (Longevity -  
SDZ)Shaw, 1957(4): 310 (Longevity -  
SDZ)

Webb, 1961(3): 331.

## LAMPROPELTIS DOLIATA DOLIATA

(Linn.)—Scarlet kingsnake.

Committee on Common Names,  
1956(3): 182.

White, 1960(1): 49 (N.C.)

Webb, 1961(3): 331.

Gerlbach & Baker, 1962(2): 292  
(Tax.)

Holman, 1964(4): 635.

## LAMPROPELTIS DOLIATA GENTILIS

(Baird & Girard)—Western  
Milk Snake.Committee on Common Names,  
1956(3): 182.

## LAMPROPELTIS DOLIATA SYSPILA

(Cope)—Red Milk Snake.

Committee on Common Names,  
1956(3): 182.

Olson, 1956(3): 190.

## LAMPROPELTIS DOLIATA TEM-

PORALIS (Cope)—Coastal  
Milk Snake.

Martof, 1955(4): 305 (Ga.)

Committee on Common Names,  
1956(3): 182.

## LAMPROPELTIS DOLIATA TRIANU-

LUM (Lacépède)

—Eastern Milksnake.

Condit & Woodruff, 1955(3): 257  
(Ohio - albino)

Martof, 1955(4): 304 (Ga.)

Committee on Common Names,  
1956(3): 182.

**LAMPROPELTIS DOLIATA TRIANULUM** (continued)

- Olson, 1956(3): 190 (Ill.)  
 Shaw, 1957(1): 50 (Longevity - PZ)  
 Shaw, 1957(4): 319 (Longevity - PZ)  
 Shaw, 1958(3): 221 (Longevity - PZ)  
 Werner, 1959(2): 171 (Thousand Isl., N. Y.)  
 Shaw, 1959(4): 337 (Longevity - PZ)  
 Shaw, 1962(2): 438 (Longevity - PZ)  
 Bothner & Moore, 1964(4): 710 (Pa.)

**LAMPROPELTIS GETULUS** (Linn.)  
—Common Kingsnake.

- Committee on Common Names, 1956(3): 182.  
 Cowles & Phelan, 1958(2): 79.  
 Holman, 1958(4): 278 (Pleistocene - Fla.)  
 Webb, 1961(3): 331.  
 Ferguson, 1963(2): 442 (Heptachlor)

**LAMPROPELTIS GETULUS BROOKSI**  
Barbour—South Florida Kingsnake.

- Perkins, 1955(4): 262 (Longevity - SDZ)  
 Committee on Common Names, 1956(3): 182.

**LAMPROPELTIS GETULUS CALIFORNIAE** (Blainville)—California Kingsnake.

- Perkins, 1955(3): 262 (Longevity - SDZ)  
 Committee on Common Names, 1956(3): 182.  
 Clarke & Marx, 1960(3): 237 (Electrocardiography)

**LAMPROPELTIS GETULUS FLORIDANA** Blanchard—Florida Kingsnake.

- Perkins, 1955(3): 262 (Longevity - SDZ)  
 Committee on Common Names, 1956(3): 182.  
 Shaw, 1957(1): 50 (Longevity - SDZ)

**LAMPROPELTIS GETULUS GETULUS** (Linn.)—Eastern Kingsnake.

- Committee on Common Names, 1956(3): 182.  
 Shaw, 1958(3): 221 (Longevity - PZ)  
 White, 1960(1): 49 (N. C.)  
 Webb, 1961(3): 331.  
 Shaw, 1962(2): 438 (Longevity - PZ)

**LAMPROPELTIS GETULUS GOINI**  
Neill & Allen—Blotched Kingsnake.

- Committee on Common Names, 1956(3): 182.

**LAMPROPELTIS GETULUS HOLBROOKI** Stejn.—

- Speckled Kingsnake.  
 Perkins, 1955(3): 262 (Longevity - SDZ)  
 Committee on Common Names, 1956(3): 182.  
 Shaw, 1957(1): 50 (Longevity - SDZ)  
 Shaw, 1957(4): 310 (Longevity - SDZ)  
 Shaw, 1958(3): 221 (Longevity - SDZ)  
 Shaw, 1959(4): 337 (Longevity - SDZ)  
 Clarke & Max, 1960(3): 237 (Electrocardiography)  
 Shaw, 1962(2): 438 (Longevity - SDZ)

**LAMPROPELTIS GETULUS NIGER** (Yarrou)—Black Kingsnake.  
Committee on Common Names, 1956(3): 182.**LAMPROPELTIS GETULUS SPLENDIDA** (Baird & Girard)  
—Sonora Kingsnake.  
Committee on Common Names, 1956(3): 182.**LAMPROPELTIS GETULUS YUMEN-SIS** Blanchard—Yuma Kingsnake.  
Committee on Common Names, 1956(3): 182.**LAMPROPELTIS GREERI** Webb, 1961—Greer's kingsnake.  
Webb, 1961(3): 326 (Mexico)  
Gehlbach & Baker, 1962(2): 292, 298 (Tax.)**LAMPROPELTIS INTERMEDIUS**  
Brattstrom  
Holman, 1964(4): 635 (Plio. & Pleistoc.)**LAMPROPELTIS LEONIS** (Günther, 1893)  
Webb, 1961(3): 328.  
Gehlbach & Baker, 1962(2): 298 (Tax.)**LAMPROPELTIS LEONIS** Loveridge, 1924.

- Gehlbach & Baker, 1962(2): 298.

**LAMPROPELTIS MEXICANA ALTERNA** (Brown, 1902)

- Gehlbach & Baker, 1962(2): 298.

**LAMPROPELTIS MEXICANA BLAIRI**  
Flury, 1950

- Gehlbach & Baker, 1962(2): 298.

**LAMPROPELTIS MEXICANA GREERI**  
Webb, 1961

- Gehlbach & Baker, 1962(2): 298.

- LAMPROPELTIS MEXICANA MEX-  
ICANA (Garman)  
Webb, 1961(3): 328.  
Gehlbach & Baker, 1962(2): 291,  
298 (Tax.)
- LAMPROPELTIS M. MEXICANA X  
THAYERI  
Gehlbach & Baker, 1962(2): 299.
- LAMPROPELTIS MEXICANA  
THAYERI Loveridge, 1924.  
Gehlbach & Baker, 1962(2): 298.
- LAMPROPELTIS PYROMELANA  
(Cope)—Sonora Mountain  
Kingsnake.  
Committee on Common Names,  
1956(3): 182.  
Webb, 1961(3): 331.  
Gehlbach & Baker, 1962(2): 292  
(Tax.)  
Holman, 1964(4): 635.
- LAMPROPELTIS PYROMELANA IN-  
FRALABIALIS Tanner, 1953  
—Utah Mountain Kingsnake.  
Committee on Common Names,  
1956(3): 182.
- LAMPROPELTIS PYROMELANA  
KNOBBECHI (Taylor)  
Webb, 1961(3): 331.
- LAMPROPELTIS PYROMELANA PY-  
ROMELANA (Cope)—  
Arizona Mountain Kingsnake.  
Committee on Common Names,  
1956(3): 182.
- LAMPROPELTIS PYROMELANA  
WOODINI Tanner—  
Huachuca Mountain Kingsnake.  
Committee on Common Names,  
1956(3): 182.
- LAMPROPELTIS SIMILIS Holman,  
1964.  
Holman, 1964(4): 635 (Up. Mioc. -  
Low. Plioc., Nebr.)
- LAMPROPELTIS THAYERI  
Loveridge  
Webb, 1961(3): 328 (Mexico)  
Gehlbach & Baker, 1962(2): 292,  
298 (Tax.)
- LAMPROPELTIS TRIANGULUM  
(Lac.)  
Gehlbach & Baker, 1962(2): 293.
- LAMPROPELTIS ZONATA (Lock-  
ington ex Blainville)—  
California Mountain Kingsnake.  
Committee on Common Names,  
1956(3): 182.
- LAMPROPELTIS ZONATA MULTI-  
CINCTA (Yarrow)—  
Sierra Mountain Kingsnake.
- LAMPROPELTIS ZONATA MULTI-  
CINCTA (continued)  
Committee on Common Names,  
1956(3): 182.
- LAMPROPELTIS ZONATA MULTI-  
FASCIATA (Bocourt)—  
Coast Mountain Kingsnake.  
Perkins, 1955(3): 262 (Longevity -  
SDZ)  
Committee on Common Names,  
1956(3): 182.
- LAMPROPELTIS ZONATA PARVI-  
RUBRA Zweifel—San  
Bernardino Mountain Kingsnake.  
Committee on Common Names,  
1956(3): 182.
- LAMPROPELTIS ZONATA PULCHRA  
Zweifel—San Diego Mountain  
Kingsnake.  
Committee on Common Names,  
1956(3): 182.
- LAMPROPELTIS ZONATA ZONATA  
(Lockington ex Blainville)—  
Saint Helena Mountain Kingsnake.  
Committee on Common Names,  
1956(3): 182.  
Gehlbach & Baker, 1962(2): 292.  
Holman, 1964(4): 635.
- LANTHANOTUS Steindachner  
Underwood, 1957(1): 20.
- LATICAUDA FASCIATA Daudin  
Dowling, 1959(1): 45.
- LATICAUDA SCHISTORHYNCHUS  
Günther, 1874  
Dowling, 1959(1): 49.
- LATICAUDA SEMIFASCIATA  
(Reinwardt, 1837)  
Dowling, 1959(1): 49.
- LAURENTOPHRYNE Tihen, 1960  
Tihen, 1960(3): 226 (Africa)
- LAURENTOPHRYNE PARKERI  
(Laurent, 1950)  
Tihen, 1960(3): 226 (Africa)
- LEATHERBACK TURTLE  
Ray & Coates, 1958(3): 220 (Gulf  
of Maine)
- LEIHYLA Cope  
Myers, 1962(1): 200 (Tax.)
- LEIMADOPHIS Fitzinger, 1843  
Emsley, 1963(3): 578 (Tax.)
- LEIMADOPHIS MELANOTUS (Shaw.)  
Emsley, 1963(3): 579 (Trinidad -  
hemipenes)
- LEIMADOPHIS PERFUSCUS (Cope,  
1862)  
Emsley, 1963(3): 577 (Barbados -  
hemipenes)



- LEIMADOPHIS REGINAE (Linn.)  
Emsley, 1963(3): 579 (Trinidad - hemipenes)
- LEIMADOPHIS ZWEIFELI Roze,  
1959.  
Funkhouser, 1962(3): 589  
(Venezuela)
- LEIOCEPHALUS Gray—  
Curl-tailed Lizards.  
Committee on Common Names,  
1956(3): 179.  
Hairston, 1957(4): 264.  
Etheridge, 1964(4): 630 (Skeleton)
- LEIOCEPHALUS CARINATUS Gray  
—Bahaman Curl-tailed Lizard.  
Committee on Common Names,  
1956(3): 179.
- LEIOCEPHALUS CARINATUS  
VIRESCENS Stejn. —  
Green Cay Curl-tailed Lizard.  
Committee on Common Names,  
1956(3): 179.
- LEIOPELMA Fitzinger  
Alcala, 1962(4): 700.
- LEIOPELMA HOCHSTETTERI  
Fitzinger  
Czopek, 1959(1): 91 (Skin and lung  
capillaries)  
Czopek, 1962(3): 586.
- LEIYLA Keferstein, 1868  
Myers, 1962(1): 197, 200 (Tax.)
- LEIYLA GUENTHERII Keferstein,  
1868.  
Myers, 1962(1): 197 (Tax.)
- LEPIDOBATRACHUS ASPER  
Buddgett  
Cei, 1955(4): 291 (Argentina)  
Bertini & Rathe, 1962(1): 182-  
183 (Electrophoretic analysis)
- LEPIDOCHELYS Fitzinger—Ridleys  
Committee on Common Names,  
1956(3): 178.
- LEPIDOCHELYS KEMPI (Garman)  
—Atlantic ridley turtle.  
Bleakney, 1955(2): 137 (Nova Scotia)  
Mowbray & Caldwell, 1958(2): 147  
(Bermuda)  
Dobie, Ogren & Fitzpatrick, 1961  
(1): 109 (Food notes - La.)
- LEPIDOCHELYS OLIVACEA  
(Eschscholtz)—Ridley  
Committee on Common Names,  
1956(3): 178.  
Houck & Joseph, 1958(3): 219  
(Northern record)
- LEPIDOCHELYS OLIVACEA KEMPI  
(Garman)—Atlantic Ridley.  
Committee on Common Names,  
1956(3): 178.  
Walker, 1959(3): 257 (Closure of  
nostrils)
- LEPIDOCHELYS OLIVACEA REMI-  
VAGA (Hay)—Pacific Ridley.  
Committee on Common Names,  
1956(3): 178.
- LEPIDOPHYMA A. Dum.  
Savage, 1964(3): 541.
- LEPIDOPHYMA FLAVIMACULATA  
Dum.  
Martin, 1955(3): 173 (Tamaulipas,  
Mexico)
- LEPIDOSTERNON MICROCEPHALUM  
Gray  
Gans, 1962(1): 166.
- LEPTHYLA Dum. & Bibr.  
Myers, 1962(1): 199 (Tax.)
- LEPTOBACHELLA Smith, 1925  
Berry & Hendrickson, 1963(4): 643  
(Tax.)
- LEPTOBACHELLA MJOBERGI  
Smith, 1925  
Berry & Hendrickson, 1963(4): 643  
(Type of genus)
- LEPTOBACHIUM Tschudi  
Myers & Leviton, 1962(2): 289.  
Berry & Hendrickson, 1963(4): 643  
(Tax.)
- LEPTOBACHIUM GRACILIS  
Günther  
Berry & Hendrickson, 1963(4): 643  
(Malaya)
- LEPTOBACHIUM HASSELTII  
Tschudi  
Berry & Hendrickson, 1963(4): 643  
Malaya (Tax.)
- LEPTOBACHIUM HASSELTII  
PULLUS Smith, 1921  
Berry & Hendrickson, 1963(4): 647  
(Annan)
- LEPTOBACHIUM HETEROPUS  
Boulenger  
Berry & Hendrickson, 1963(4): 643  
(Malaya)
- LEPTOBACHIUM NATUNAE  
Günther  
Berry & Hendrickson, 1963(4): 643  
(Tax.)
- LEPTOBACHIUM NIGROPUS  
Berry & Hendrickson  
Berry & Hendrickson, 1963(4): 644  
(Singapore - Malaya)

## LEPTODACTYLIDAE

- Hunsaker & Johnson, 1959(4): 313  
(Pigm. of Integ.)  
Bertini & Rathe, 1962(1): 183  
(Electrophoretic analysis)
- LEPTODACTYLUS Fitzinger—  
Nest-building Frogs.  
Committee on Common Names,  
1956(3): 176.  
Stuart, 1957(2): 94 (Distrib.)  
Cochran & Goin, 1959(3): 208.  
Alcala, 1962(4): 705.
- LEPTODACTYLUS ALBILABRIS  
(Günther)  
Dent, 1956(4): 207 (Life hist. &  
develop.)
- LEPTODACTYLUS BUFONIUS Boul.  
Ceï, 1955(4): 291 (Argentina)  
Dent, 1956(4): 207.  
Ceï, 1957(3): 233 (Argentina)  
Bertini & Rathe, 1962(1): 182-183  
(Electrophoretic analysis)
- LEPTODACTYLUS CHAQUENSIS Ceï  
Ceï, 1955(4): 291 (Argentina)  
Ceï & Bertini, 1961(3): 336 (Serum  
proteins)  
Bertini & Rathe, 1962(1): 182-183  
(Electrophoretic analysis)
- LEPTODACTYLUS GRACILIS Dum.  
& Bibron.  
Ceï, 1955(4): 261 (Argentina)
- LEPTODACTYLUS INSULARUM  
Barbour  
Holman, 1963(3): 558.
- LEPTODACTYLUS LABIALIS (Cope)  
—Mexican White-lipped Frog.  
Committee on Common Names,  
1956(3): 176.  
Duellman, 1958(1): 49 (Mex.)  
Zweifel, 1964(1): 202.
- LEPTODACTYLUS LATICEPS Boul.  
Ceï, 1955(4): 291 (Argentina)  
Bertini & Rathe, 1962(1): 182-183  
(Electrophoretic analysis)
- LEPTODACTYLUS MELANONOTUS  
Hallowell  
Duellman, 1958(1): 49 (Mex.)  
Holman, 1963(3): 558.
- LEPTODACTYLUS MYSTACEUS  
(Spix)  
Ceï, 1955(4): 291 (Argentina)
- LEPTODACTYLUS NANUS  
L. Müller  
Dent, 1956(4): 207.
- LEPTODACTYLUS OCCIDENTALIS  
Taylor  
Holman, 1963(3): 558.

## LEPTODACTYLUS OCELLATUS

- (Linn.)  
Ceï, 1955(4): 291 (Argentina)  
Ceï & Bertini, 1961(3): 336 (Serum  
proteins)  
Bertini & Rathe, 1962(1): 182-183  
(Electrophoretic analysis)
- LEPTODACTYLUS PENTADACTYLUS  
(Laurenti)  
Dent, 1956(4): 208.
- LEPTODACTYLUS PODICIPINUS  
Cope  
Ceï, 1955(4): 291 (Argentina)  
Bertini & Rathe, 1962(1): 182-183  
(Electrophoretic analysis)
- LEPTODACTYLUS PROGNAETHUS  
Boul.  
Ceï, 1955(4): 291 (Argentina)
- LEPTODACTYLUS SYBILATOR  
Wied  
Ceï, 1955(4): 291 (Argentina)
- LEPTODEIRA Fitzinger—  
Cat-eyed Snakes.  
Committee on Common Names,  
1956(3): 183.
- LEPTODEIRA ANNULATA (Linn.)  
—Cat-eyed Snake.  
Peters, 1956(1): 58.  
Committee on Common Names,  
1956(3): 183.
- LEPTODEIRA ANNULATA RHOMBI-  
FERA Günther  
Uzzell & Starrett, 1958(4): 340  
(El Salvador)
- LEPTODEIRA ANNULATA SEPTEN-  
TRIONALIS (Kennicott)—  
Texas Cat-eyed Snake.  
Committee on Common Names,  
1956(3): 183.
- LEPTODEIRA FRENATA MALLEISI  
(Dunn & Stuart)  
Duellman & Klaas, 1964(2): 313  
(Yucatan)
- LEPTODEIRA FRENATA YUCATAN-  
ENSIS (Cope)  
Duellman & Klaas, 1964(2): 313  
(Yucatan)
- LEPTODEIRA SEPTENTRIONALIS  
POLYSTICTA Günther  
Uzzell & Starrett, 1958(4): 340  
(El Salvador)
- LEPTODEIRA SMITHI Taylor  
Duellman, 1958(1): 49 (Mex.)
- LEPTODEIRA TORQUATA Günther  
Peters, 1956(1): 57.
- LEPTOPHIS Bell  
Stuart, 1957(2): 91 (Distrib. routes)

- LEPTOPHIS AHAETULLA COERULEODORSUS Oliver  
Emsley, 1963(3): 576 (Tobago)
- LEPTOPHIS AHAETULLA OCCIDENTALIS (Günther)  
Hoyt, 1964(1): 215.
- LEPTOPHIS DEPRESSIROSTRIS (Cope)  
Hoyt, 1964(1): 215.
- LEPTOPHIS DIPLTROPIS (Günther)  
Hoyt, 1964(1): 215.
- LEPTOPHIS MEXICANUS MEXICANUS Dum. & Bibr.  
Uzzell & Starrett, 1958(4): 340 (El Salvador)  
Hoyt, 1964(1): 214.
- LEPTOPHIS MODESTUS (Günther, 1872)  
Hoyt, 1964(1): 214 (Rediscovery)
- LEPTOPHIS REVETI Despax  
Emsley, 1963(3): 576 (Trinidad)
- LEPTOTYPHLOPIDAE  
Underwood, 1957(1): 24.  
Dowling, 1959(1): 40 (Classification)
- LEPTOTYPHLOPS Fitzinger—Slender Blind Snakes.  
Committee on Common Names, 1956(3): 183.  
Dowling, 1959(1): 42.
- LEPTOTYPHLOPS BRESSONI Taylor  
Duellman, 1956(2): 94.
- LEPTOTYPHLOPS DULCIS (Baird & Girard)—Texas Blind Snake.  
Committee on Common Names, 1956(3): 183.  
Fox & Dessauer, 1962(3): 590 (Urogenital structures)
- LEPTOTYPHLOPS DULCIS DISSECTUS (Cope)—New Mexico Blind snake.  
Committee on Common Names, 1956(3): 183.  
McCoy, 1960(4): 368 (Large aggregation - Okla.)  
Hibbard, 1964(1): 222 (Brooding colony - Kansas)
- LEPTOTYPHLOPS DULCIS DULCIS (Baird & Girard)—Plains Blind Snake.  
Committee on Common Names, 1956(3): 183.
- LEPTOTYPHLOPS GADOWI Duellman  
Duellman, 1956(2): 93 (Mexico)
- LEPTOTYPHLOPS HUMILIS Baird & Girard—Western Blind Snake.  
Committee on Common Names, 1956(3): 183.
- LEPTOTYPHLOPS HUMILIS (continued)  
Underwood, 1957(1): 28.  
Fox & Dessauer, 1962(3): 590 (Urogenital structures)
- LEPTOTYPHLOPS HUMILIS CAHUILAE Klauber—Desert Blind Snake.  
Committee on Common Names, 1956(3): 183.
- LEPTOTYPHLOPS HUMILIS HUMILIS Baird & Girard—Southwestern Blind Snake.  
Committee on Common Names, 1956(3): 183.
- LEPTOTYPHLOPS HUMILIS SEGREGATUS Klauber—Trans-Pecos Blind Snake.  
Committee on Common Names, 1956(3): 183.
- LEPTOTYPHLOPS HUMILIS UTAHENSIS Tanner—Utah Blind Snake.  
Committee on Common Names, 1956(3): 183.
- LEPTOTYPHLOPS MACRORHYNCHUS (Jan)  
Weber, 1960(2): 154 (Iraq)
- LEPTOTYPHLOPS MAXIMUS Loveridge  
Duellman, 1956(2): 94.
- LEPTOTYPHLOPS MYOPTICUS Garman  
Duellman, 1956(2): 94.
- LEPTOTYPHLOPS PHENOPS BAKEWELLI Oliver  
Duellman, 1956(2): 94.
- LEPTOTYPHLOPS PHENOPS PHENOPS (Cope)  
Duellman, 1956(2): 94.
- LEUROGNATHUS Moore—Shovel-Nosed Salamanders.  
Committee on Common Names, 1956(3): 175.  
Highton, 1961(1): 65.  
Valentine, 1963(1): 135 (Fimbriae counts)  
Valentine, 1964(3): 583 (Gills & gill slits)
- LEUROGNATHUS INTERMEDIA (Pope, 1928)  
Martof & Humphries, 1955(3): 246 (Ga.)
- LEUROGNATHUS MARMORATA Moore—Shovel-nosed Salamander.  
Martof & Humphries, 1955(3): 246 (Ga.)

- LEUROGNATHUS MARMORATA  
(continued)  
Committee on Common Names,  
1956(3): 175.  
Highton, 1961(1): 67.  
Valentine, 1961(3): 317.  
Martof & Rose, 1962(4): 730.
- LEUROGNATHUS MARMORATA IN-  
TERMEDIA Pope, 1928—  
Southern Shovel-nosed  
Salamander.  
Committee on Common Names,  
1956(3): 175.
- LEUROGNATHUS MARMORATA  
MARMORATA Moore—  
Northern Shovel-nosed  
Salamander.  
Committee on Common Names,  
1956(3): 175.
- LEVIRANA VIBICARIA Cope, 1894.  
Zweifel, 1964(2): 300 (Syn.)
- LIALIS Gray, 1835  
Hebard & Charipper, 1955(4): 306  
(Phylogeny)  
Underwood, 1957(1): 28.
- LIALIS BURTONII (Gray)  
Hebard & Charipper, 1955(4): 305  
(Phylogeny)  
Neill, 1957(3): 230 (Habits - Papua)
- LIALIS JICARDI Boul.  
Neill, 1957(3): 230 (Habits - New  
Guinea)
- LIASIS Gray—Python  
Neill, 1957(3): 231 (New Guinea)  
Betz, 1962(3): 284 (Effects of  
surgical anesthesia)
- LICHANURA Cope—Rosy Boas.  
Committee on Common Names,  
1956(3): 183.
- LICHANURA ROSEOFUSCA (Cope)  
—Rosy Boa.  
Committee on Common Names,  
1956(3): 183.
- LICHANURA ROSEOFUSCA GRACIA  
Klauber, 1931—  
Desert Rosy Boa.  
Committee on Common Names,  
1956(3): 183.  
Turner, 1959(2): 172 (Calif.)
- LICHANURA ROSEOFUSCA ROSE-  
OFUSCA (Cope)—Coastal  
Rosy Boa.  
Perkins, 1955(3): 262 (Longevity -  
SDZ)  
Committee on Common Names,  
1956(3): 183.  
Medina, 1959(4): 336 (Feeding  
behavior)
- LICHYLA Nieden, 1923  
Myers, 1962(1): 198 (Error for  
Liohylla Cope)
- LIMNAOEDUS Mittleman & List,  
1953.  
Lynch, 1963(3): 566-567 (Illa - Tax.)
- LIMNAOEDUS OCULARIS  
(Holbrook)  
Lynch, 1963(3): 566-567 (Illa - Tax.)
- LIMNOMEDUSA MACROGLOSSA  
(Dum. & Bibr.)  
Cochran & Goin, 1959(3): 208.
- LIMNOMEDUSA MISIONIS Schmidt  
Cochran & Goin, 1959(3): 208.
- LIMNOMEDUSA SCHMIDTI  
Cochran & Goin, 1959  
Cochran & Goin, 1959(3): 208  
(Colombia)
- LIMNOPHYS Jimenez de la Espada,  
1870.  
Myers, 1962(1): 197 (Tax.)
- LIMNOPHYS CORNUTUS Jimenez de  
la Espada, 1870  
Myers, 1962(1): 197 (Type of genus)
- LIMNOPHYS NAPAEUS Jimenez  
de la Espada, 1870  
Myers, 1962(1): 197 (Tax.)
- LINEATRITON  
Uzzell, 1961(1): 78.
- LINEATRITON LINEOLUS  
Uzzell, 1961(1): 78, 85  
(Calcification)
- LIODYTES Cope—Swamp Snakes.  
Committee on Common Names,  
1956(3): 183.
- LIODYTES ALLENI (Garman)—  
Striped Swamp Snake.  
Committee on Common Names,  
1956(3): 183.  
Holman, 1962(2): 258.
- LIODYTES ALLENI ALLENI  
(Garman)—Striped Swamp  
Snake.  
Committee on Common Names,  
1956(3): 183.
- LIODYTES ALLENI LINEAPIATUS  
Auffenberg—Everglades Swamp  
Snake.  
Committee on Common Names,  
1956(3): 183.
- LIOHYLA Cope, 1894  
Myers, 1962(1): 197, 200 (Tax.)
- LIOLAEMUS Wiegmann  
Donoso - Barros, 1961(4): 387  
(New ssp. - Andes in Chile &  
Arg.)  
Etheridge, 1964(4): 630 (Skeleton)

- LIOLAEMUS ALTICOLOR**  
 Barbour, 1909  
 Donoso - Barros, 1961(4): 389.
- LIOLAEMUS BOLIVIANUS**  
 Pellegrin, 1909  
 Donoso - Barros, 1961(4): 387.
- LIOLAEMUS CONSTANZAE**  
 Donoso - Barros, 1961  
 Donoso - Barros, 1961(4): 388-389 (Chile)
- LIOLAEMUS CYANOASTER**  
**BRATTSTROEMI** Donoso - Barros, 1961  
 Donoso - Barros, 1961(4): 486 (Chile)
- LIOLAEMUS CYANOASTER**  
**CYANOASTER** (Gray)  
 Donoso - Barros, 1961(4): 389.  
 Donoso - Barros, 1961(4): 486.
- LIOLAEMUS DARWINI** (Gray)  
 Donoso - Barros, 1961(4): 391.
- LIOLAEMUS FITZGERALDI**  
 Boulenger, 1899  
 Donoso - Barros, 1961(4): 391 (Andes)
- LIOLAEMUS GRAVENHORSTI**  
 (Gray)  
 Donoso - Barros, 1961(4): 389.
- LIOLAEMUS MICROPHOLIS**  
 Werner, 1909  
 Donoso - Barros, 1961(4): 391.
- LIOLAEMUS MOCQUARDI**  
 Pellegrin, 1909  
 Donoso - Barros, 1961(4): 387.
- LIOLAEMUS MONTICOLA MONTICOLA** Müller & Hellmich, 1932.  
 Donoso - Barros, 1961(4): 390-391 (Chile)
- LIOLAEMUS MULTIFORMIS**  
**MULTIFORMIS** Cope  
 Donoso - Barros, 1961(4): 387.  
 Lee & Badham, 1963(2): 394.
- LIOLAEMUS NIGROMACULATUS**  
**ATACAMENSIS** Müller & Hellmich  
 Donoso - Barros, 1961(4): 487 (Chile)
- LIOLAEMUS NIGROMACULATUS**  
**KUHLMANI** Müller & Hellmich  
 Donoso - Barros, 1961(4): 487 (Chile)
- LIOLAEMUS PANTHERINUS**  
 Pellegrin, 1909  
 Donoso - Barros, 1961(4): 387.
- LIOLAEMUS PAULINAE** Donoso - Barros, 1961  
 Donoso - Barros, 1961(4): 387-388 (Chile)
- LIOLAEMUS PICTUS CHILOENSIS**  
 Müller & Hellmich  
 Donoso - Barros, 1961(4): 486 (Chile)
- LIOLAEMUS PICTUS PICTUS**  
 (Dum. & Bibr.)  
 Donoso - Barros, 1961(4): 486 (Chile)
- LIOLAEMUS PLATEI PLATEI**  
 Werner  
 Donoso - Barros, 1961(4): 387 (Chile)
- LIOLAEMUS PULCHER** Pellegrin, 1909.  
 Donoso - Barros, 1961(4): 387.
- LIOLAEMUS RUIBALI** Donoso - Barros, 1961  
 Donoso - Barros, 1961(4): 388, 390 (Argentina)
- LIOLAEMUS TENUIS** (Gray)  
 Donoso - Barros, 1961(4): 390 (Chile)
- LIOLAEMUS VARIABILIS** Pellegrin, 1909.  
 Donoso - Barros, 1961(4): 387.
- LIOLAEMUS WALKERI** Shreve, 1938.  
 Donoso - Barros, 1961(4): 387.
- LIOLAEMUS WIEGMANNI** (Dum. & Bibr.)  
 Loveridge, 1959(1): 69 (Ascension Isl.)
- LIOPHIS** Wagler, 1830  
 Emsley, 1963(3): 578.
- LIOPHIS PERFUSCUS** Cope, 1862  
 Emsley, 1963(3): 577 (Barbados)
- LIOTYPHLOPS** Peters  
 Underwood, 1957(1): 26.
- LISSEMY PUNCTATA PUNCTATA**  
 (Lac.)  
 Miranti et al, 1964(1): 211.
- LITHODYTES** Fitzinger, 1843.  
 Myers, 1962(1): 197 (Tax.)
- LITHODYTES LINEATUS** (Schneid.)  
 Emsley, 1963(3): 576.
- LITHODYTES RANOIDES** Cope, 1885.  
 Myers, 1962(1): 200 (Tax.)
- LIUPERUS BILIGONIGERUS** Cope, 1860.  
 Milstead, 1960(2): 84 (Syn. - Argentina)  
 Milstead, 1963(3): 565 (Syn. - Argentina)
- LIYLA** Cope, 1870  
 Myers, 1962(1): 197, 200 (Tax.)
- LIZARD COCHLEA**  
 Schmidt, 1964(3): 542 (Phylogenetic significance)

- LOXOCEMUS Cope  
Dowling, 1959(1): 44.
- LOXOCEMUS BICOLOR Cope  
Perkins, 1955(3): 262 (Longevity - PZ)  
Shaw, 1957(1): 50 (Longevity - PZ)  
Shaw, 1957(4): 310 (Longevity - PZ)  
Shaw, 1958(3): 221 (Longevity - PZ)  
Shaw, 1959(4): 337 (Longevity - PZ)  
Shaw, 1962(2): 438 (Longevity - PZ)
- LUND UNIVERSITY CHILE EX-  
PEDITION  
Donoso - Barros, 1961(4): 486  
(Reptiles)
- LYCOPHIDION Dum. & Bibr.  
de Witte, 1963(4): 634 (Tax.)
- LYGOSOMA Hardwick & Gray—  
Ground Skinks.  
Betz, 1963(4): 692 (Ovarian  
morphol.)
- LYGOSOMA LATERALE (Say)  
—Ground Skink.  
Hebard & Charipper, 1955(4): 305  
(phylogeny)  
Committee on Common Names,  
1956(3): 179.  
Conant, 1958(1): 51 (Delmarva)  
Telford, 1959(2): 116.  
Hunsaker & Johnson, 1959(4): 313  
(Pigm.)  
Ferguson, 1961(4): 393 (Miss.)  
Milstead, 1961(4): 493.  
Fitch, 1963(4): 650 (Kansas)

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- MABUYA Fitzinger  
Betz, 1963(4): 692 (Ovarian  
morphol.)
- MABUYA AURATA AURATA (Linn.)  
Weber, 1960(2): 154 (Iraq)
- MABUYA AURATA SEPTENTAENIATA  
Reuss  
Weber, 1960(2): 154 (Iraq)
- MABUYA DISSIMILIS (Hallowell,  
1857)  
Mullen, 1962(2): 271.
- MABUYA MULTIFASCIATA (Kuhl)  
Schmidt, 1964(3): 548 (Cochlea)
- MABUYA RUDIS Boulenger, 1887  
Lee & Badham, 1963(2): 394.
- MACROCHELYS Gray—Alligator  
Snapping Turtles.  
Committee on Common Names,  
1956(3): 178.

- MACROCHELYS TEMMINCKI  
(Holbrook)—Alligator Snapping  
Turtle.  
Committee on Common Names,  
1956(3): 178.
- MACROCLEMYS Gray  
Richmond, 1958(1): 42.
- MACROCLEMYS TEMMINCKI  
(Troost)  
Schroder, 1957(3): 234 (Ill.)  
Brode, 1958(1): 48 (Prehensile  
tail)  
Hibbard, 1963(4): 708 (Upper  
Pliocene - Kansas)
- MAGNADIGITA Taylor, 1944  
Wake & Brame, 1963(2): 382 (Tax.)
- MAGNADIGITA CUCHUMATANA  
(Stuart)  
Uzzell, 1961(1): 85 (Calcification)
- MALACHYLODES Cope, 1879  
Myers, 1962(1): 197 (Tax.)
- MALACHYLODES GUTTILATUS  
Cope, 1879  
Myers, 1962(1): 197 (Type of  
genus)
- MALACLEMYS Gray—  
Diamondback Terrapins  
Committee on Common Names,  
1956(3): 178.  
Norris & Dawson, 1964(4): 638  
(Adapt.)
- MALACLEMYS SUBTRIJUGA  
(Schlegel)  
McDowell, 1963(1): 154 (Muscles  
in region of Eustachian tube -  
Malayemys)
- MALACLEMYS TERRAPIN  
(Schoepf)—Diamondback  
Terrapin.  
Committee on Common Names,  
1956(3): 178.
- MALACLEMYS TERRAPIN CENTRATA  
Latr. — Carolina Diamondback  
Terrapin.  
Committee on Common Names,  
1956(3): 178.  
Walker, 1959(3): 257 (Closure of  
nostrils)
- MALACLEMYS TERRAPIN LIT-  
TORALIS Hay—Texas  
Diamondback Terrapin.  
Committee on Common Names,  
1956(3): 178.
- MALACLEMYS TERRAPIN MACRO-  
SPILOTA Hay—Ornate  
Diamondback Terrapin.  
Committee on Common Names,  
1956(3): 178.



- MALACLEMYS TERRAPIN PILEATA** (Wied)—Mississippi Diamond-back Terrapin.  
Committee on Common Names, 1956(3): 178.
- MALACLEMYS TERRAPIN RHIZOPHORARUM** Fowler—Mangrove Terrapin.  
Committee on Common Names, 1956(3): 178.
- MALACLEMYS TERRAPIN TEQUESTA** Schwartz, 1955—Florida East Coast Terrapin.  
Committee on Common Names, 1956(3): 178.
- MALACLEMYS TERRAPIN TERRAPIN** (Schoeppf)—Northern diamond-back terrapin.  
Reid, 1955(4): 310 (Reprod. & develop.)  
Committee on Common Names, 1956(3): 178.
- MALPOLON MOILENSIS** Reuss Haas & Battersby, 1959(3): 202 (Arabia)
- MANCULUS** Cope—Dwarf Salamander.  
Committee on Common Names, 1956(3): 175.  
Uzzell, 1961(1): 83.  
Valentine & Dennis, 1964(1): 200.  
Valentine, 1964(3): 583 (Gills & gill slits)
- MANCULUS QUADRIDIGITATUS** (Holbrook)—Dwarf Salamander.  
Committee on Common Names, 1956(3): 175.  
Highton, 1957(2): 108 (Costal grooves - trunk vertebrae)  
Uzzell, 1961(1): 82, 85 (Calcification)
- MASTICOPHIS** Baird & Girard—Whipsnakes.  
Committee on Common Names, 1956(3): 183.  
Stuart, 1957(2): 92 (Distrib.)
- MASTICOPHIS BILINEATUS** (Boettger)—Sonora Whipsnake.  
Committee on Common Names, 1956(3): 183.  
Zweifel, 1962(4): 761.
- MASTICOPHIS BILINEATUS BILINEATUS** (Boettger)—Sonora Whipsnake.  
Committee on Common Names, 1956(3): 183.
- MASTICOPHIS BILINEATUS LINEOLATUS** Hensley—Ajo Mountain Whipsnake.  
Committee on Common Names, 1956(3): 183.
- MASTICOPHIS FLAGELLUM** (Shaw)—Coachwhip.  
Committee on Common Names, 1956(3): 183.
- MASTICOPHIS FLAGELLUM CINGULUM** Lowe & Woodin, 1954—Banded Red Racer.  
Committee on Common Names, 1956(3): 183.  
Zweifel, 1962(4): 761.
- MASTICOPHIS FLAGELLUM FLAGELLUM** (Shaw)—Eastern Coachwhip.  
Campbell, 1956(2): 125 (New Mexico)  
Committee on Common Names, 1956(3): 183.  
Holman, 1958(4): 278 (Pleistocene - Fla.)  
Holman, 1959(2): 100 (Pleistocene - Fla.)  
Telford, 1959(2): 111, 115 (Fla.)  
Holman, 1962(2): 259.
- MASTICOPHIS FLAGELLUM FLAVIGULARIS** (Hallowell)—Western Coachwhip.  
Committee on Common Names, 1956(3): 183.
- MASTICOPHIS FLAGELLUM LINEATULUS** Smith—Lined Whipsnake.  
Committee on Common Names, 1956(3): 183.  
Zweifel, 1962(4): 761.
- MASTICOPHIS FLAGELLUM PICEUS** (Cope)—Red Racer; Western Black Racer.  
Perkins, 1955(3): 262 (Longevity - SDZ)  
Committee on Common Names, 1956(3): 183.  
Zweifel, 1962(4): 761.
- MASTICOPHIS FLAGELLUM RUDOCKI** Brattstrom & Warren—San Joaquin Whipsnake.  
Committee on Common Names, 1956(3): 183.
- MASTICOPHIS FLAGELLUM TESTACEUS** (Say)—Pink Coachwhip.  
Perkins, 1955(3): 262 (Longevity - SDZ)

- MASTICOPHIS FLAGELLUM TEST-  
ACEUS (continued)  
Committee on Common Names,  
1956(3): 183.
- MASTICOPHIS LATERALIS  
Hallowell—Striped Racer.  
Committee on Common Names,  
1956(3): 183.
- MASTICOPHIS LATERALIS EURYXAN-  
THUS Riemer—Alameda  
Striped Racer.  
Committee on Common Names,  
1956(3): 183.
- MASTICOPHIS LATERALIS LATERA-  
LIS Hallowell—  
California Striped Racer.  
Committee on Common Names,  
1956(3): 183.
- MASTICOPHIS PULCHRICEPS Cope,  
1868.  
Hardy, 1964(4): 714.
- MASTICOPHIS TAENIATUS  
(Hallowell)—Striped Whipsnake.  
Committee on Common Names,  
1956(3): 183.
- MASTICOPHIS TAENIATUS ORNATUS  
Baird & Girard—  
Central Texas Whipsnake.  
Committee on Common Names,  
1956(3): 183.
- MASTICOPHIS TAENIATUS RUTHVENI  
Ortenburger—Ruthven's  
Whipsnake.  
Committee on Common Names,  
1956(3): 183.
- MASTICOPHIS TAENIATUS SCHOTTI  
Baird & Girard—  
Schott's Whipsnake.  
Committee on Common Names,  
1956(3): 183.
- MASTICOPHIS TAENIATUS TAENIA-  
TUS (Hallowell)—  
Desert Striped Whipsnake.  
Svihla, 1955(1): 65 (Wash. - status)  
Committee on Common Names,  
1956(3): 183.  
Zweifel, 1962(4): 761.
- MEGALOBATRACHUS Tschudi  
Rodgers, 1962(3): 646 (Calif.)  
Tihen & Chantell, 1963(3): 508.
- MEGALOPHRYS Kuhl, 1822  
Myers & Leviton, 1962(2): 288, 290.  
Berry & Hendrickson, 1963(4): 643  
(Tax.)
- MEGOPHRYS Kuhl  
Tihen, 1960(2): 92.  
Berry & Hendrickson, 1963(4): 643  
(Tax.)
- MEGOPHRYS HASSELTII Tschudi  
Berry & Hendrickson, 1963(4): 643  
(Syn.)
- MEGOPHRYS MONTICOLA Kuhl  
Alcala, 1962(4): 723.
- MEGOPHRYS MONTICOLA  
STEJNEGERI (Taylor)  
Leviton, 1955(3): 258 (Philippine  
Isl.)  
Alcala, 1962(4): 680 (Philippine  
Isl.)  
Brown & Alcala, 1963(4): 675  
(Bohol, Philip. Isl.)
- MEGOPHRYS PARVA (Boul., 1908)  
Alcala, 1962(4): 723.
- MELANOSAURUS Gilmore, 1928  
Underwood, 1957(2): 21, 25.
- MELANOSUCHUS NIGER Spix, 1825  
Medem & Marx, 1955(1): 2 (Artif.  
key)
- MERTENSOPHRYNE Tihen, 1960  
Tihen, 1960(3): 226 (Africa)
- MERTENSOPHRYNE MICRANOTIS  
RONDOENSIS (Loveridge,  
1942)  
Tihen, 1960(3): 224 (Africa)
- MERTENSOPHRYNE RONDOENSIS  
(Loveridge, 1942)  
Tihen, 1960(3): 226 (Africa)
- MERTENSOPHRYNE USHORANUS  
(Loveridge)  
Tihen, 1960(3): 226, 228
- MICROBATRACHYLUS Taylor, 1940  
Myers, 1962(1): 198 (Tax.)  
Lynch, 1963(3): 581.
- MICROHYLA Tschudi—Narrow-  
mouthed Toads.  
Committee on Common Names,  
1956(3): 176.  
Holman, 1959(2): 99 (Miocene -  
Fla.)  
Hubbs, 1960(1): 7 (Isolating mech-  
anisms)  
Alcala, 1962(4): 720 (W. China)
- MICROHYLA CAROLINENSIS  
(Holbrook)—Narrow-mouthed  
Toad.  
Committee on Common Names,  
1956(3): 176.
- MICROHYLA CAROLINENSIS CAR-  
OLINENSIS (Holbrook)—  
Eastern Narrow-mouth toad.  
Martof, 1955(3): 169 (Ga.)  
Committee on Common Names,  
1956(3): 176.  
Volpe, 1956(4): 261 (Reciprocal  
mis-matings)  
Holman, 1958(4): 277 (Pleistocene-Fla.)

**MICROHYLA CAROLINENSIS CAROLINENSIS** (continued)

Holman, 1959(2): 99 (Pleistocene - Fla.)

Gosner & Rossman, 1959(3): 263.

Ruibal, 1959(4): 320 (Marine)

Zweifel, 1959(4): 326 (call)

Hunsaker & Johnson, 1959(4): 313 (Pigm.)

**MICROHYLA CAROLINENSIS**

MAZATLANENSIS (Taylor)—

Sinaloa Narrow-mouthed Toad.

Committee on Common Names,

1956(3): 176.

**MICROHYLA CAROLINENSIS**

OLIVACEA (Hallowell)—

Great Plains Narrow Mouthed Toad.

Committee on Common Names,

1956(3): 176.

Bragg, 1957(1): 37 (Color variat. - tadpoles)

Bellis, 1957(2): 88 (Calls)

**MICROHYLA OLIVACEA** (Hallowell)

Jameson, 1956(1): 55 (Texas)

Zweifel, 1959(4): 326 (Call)

Hunsaker & Johnson, 1959(4): 313 (Pigm.)

**MICROHYLIDAE** Parker, 1934

Hunsaker & Johnson, 1959(4): 313 (Pigm. of Integ.)

Myers & Leviton, 1962(2): 290.

Alcala, 1962(4): 681 (Philip. Isl.)

**MICROSAURA PUMILA** (Daud.)

Bustard, 1963(4): 704 (Habits in captivity)

**MICROSAURA VENTRALIS** (Gray)

Bustard, 1963(4): 704 (Habits in captivity)

**MICRUROIDES** Schmidt—Western

Coral Snakes.

Committee on Common Names,

1956(3): 183.

**MICRUROIDES EURYXANTHUS**

(Kennicott)—Arizona Coral snake.

Committee on Common Names,

1956(3): 183.

Zweifel, 1962(4): 761.

Funk, 1964(1): 219 (Reproduction - Arizona)

**MICRURUS** Wagler—

Eastern Coral Snakes.

Committee on Common Names,

1956(3): 183.

Holman, 1964(4): 637.

**MICRURUS AFFINIS AFFINIS** (Jan)

Fraser, 1964(3): 570 (Mexico)

**MICRURUS AFFINIS ALIENUS**

(Werner)

Fraser, 1964(3): 572.

**MICRURUS AFFINIS APIATUS** (Jan)

Fraser, 1964(3): 570 (Guatemala)

**MICRURUS AFFINIS HIPPOCREPIS**

(Peters, 1861)

Fraser, 1964(3): 572.

**MICRURUS AFFINIS MAYENSIS**

Schmidt

Fraser, 1964(3): 572.

**MICRURUS FRONTALIS FRONTALIS**

(Dum. & Bibr.)

Fraser, 1964(3): 573.

**MICRURUS FULVIUS** (Linn.)—

Eastern Coral Snake.

Committee on Common Names,

1956(3): 183.

**MICRURUS FULVIUS BARBOURI**

Schmidt, 1928—South Florida Coral Snake.

Committee on Common Names,

1956(3): 183.

**MICRURUS FULVIUS FULVIUS**

(Linn.)—Eastern Coral snake.

Telford, 1955(3): 258 (Eggs)

Committee on Common Names,

1956(3): 183.

Holman, 1958(4): 278 (Pleistocene - Fla.)

Holman, 1959(2): 100 (Pleistocene - Fla.)

Telford, 1959(2): 111 (Fla.)

**MICRURUS FULVIUS TENERE**

Baird & Girard—

Texas Coral Snake.

Committee on Common Names,

1956(3): 183.

**MICRURUS LEMMISCATUS LEMMISCATUS** (Linn.)

Fraser, 1964(3): 573.

**MICRURUS LIMBATUS** Fraser,

1964.

Fraser, 1964(3): 570 (Veracruz,

Mexico)

**MICRURUS MIPARTITUS** (Jan)

—Coral snake.

Pough, 1964(1): 223 (Costa Rica)

**MICRURUS NIGROCINCTUS** (Girard)

Stuart, 1957(2): 94 (Distrib.)

**MICRURUS SPEXII** Wagler

Fraser, 1964(3): 573.

**MICRURUS SURINAMENSIS** (Cuv.)

Fraser, 1964(3): 573.

**MYERSOPHIS** Taylor, 1963

Taylor, 1963(2): 429 (Luzon)

**MYERSOPHIS ALPESTRIS** Taylor,

1963.

Taylor, 1963(2): 430 (Luzon)

- MYOBATRACHUS GOULDII (Gray)  
Holman, 1963(3): 558.

## N

- NAJA FLAVA Boul.  
Dowling, 1959(1): 45.
- NAJA MELANOLEUCA Hallowell  
Perkins, 1955(3): 262 (Longevity - SDZ)  
Shaw, 1957(1): 50 (Longevity - SDZ)  
Shaw, 1957(4): 310 (Longevity - SDZ)  
Shaw, 1958(3): 221 (Longevity - SDZ)
- NAJA NAJA (Linn.)—Indian or Chinese cobra.  
Perkins, 1955(3): 262 (Longevity - PZ)  
Romer, 1958(4): 334 (Partial albinism)  
Keegan, Whittmore & Maxwell, 1962(2): 314 (Venom)  
Shaw, 1962(2): 438 (Longevity - SDZ)
- NAJA NAJA ATRA (Cantor)  
Perkins, 1955(3): 262 (Longevity - BdZ)
- NAJA NIGRICOLLIS Reinhardt  
Perkins, 1955(3): 262 (Longevity - BdZ)  
Shaw, 1957(1): 50 (Longevity - BdZ)  
Shaw, 1957(4): 310 (Longevity - BdZ)
- NAJA NIVEA Boie  
Perkins, 1955(3): 262 (Longevity - SDZ)  
Keegan et al, 1962(2): 315 (Venom)
- NATRIX LAURENTI—Water Snakes.  
Committee on Common Names, 1956(3): 183.  
Cowles, 1956(4): 213 (Sidewinding)  
Betz, 1963(4): 692 (Ovarian morphol.)
- NATRIX ANGUSTIROSTRIS Kennicott  
Lowe, 1955(4): 307 (Generic status)
- NATRIX CYCLOPION (Dum., Bibr.)—Green Water Snake.  
Committee on Common Names, 1956(3): 183.  
Huheey, 1959(4): 309.  
Conaway & Fleming, 1960(1): 53 (Placental Transmission)  
Holman, 1962(2): 258.  
Belkin, 1964(2): 322 (Heart rates)
- NATRIX CYCLOPION CYCLOPION (Dum. & Bibr.)—Green Water Snake.  
Committee on Common Names, 1956(3): 183.
- NATRIX CYCLOPION FLORIDANA Goff—Florida Green Water Snake.  
Committee on Common Names, 1956(3): 183.  
Hellman & Telford, 1956(4): 258 (N. Fla.)  
Betz, 1963(3): 575 (Neonatal)
- NATRIX ERYTHROGASTER (Forster)—Plain-bellied Water Snake.  
Committee on Common Names, 1956(3): 183.
- NATRIX ERYTHROGASTER ERYTHROGASTER (Forster)—Red-bellied Water Snake.  
Committee on Common Names, 1956(3): 183.  
Conant, 1958(1): 50 (Delmarva)  
Holman, 1962(2): 258.  
Ferguson, 1963(2): 442 (Heptachlor)  
Conant, 1963(3): 475 - 476 (Mexico)
- NATRIX ERYTHROGASTER FLAVIGASTER Conant—Yellow-bellied Water Snake.  
Committee on Common Names, 1956(3): 183.
- NATRIX ERYTHROGASTER NEGLECTA Conant—Northern Copperbelly.  
Committee on Common Names, 1956(3): 183.
- NATRIX ERYTHROGASTER TRANSVERSA (Hallowell)—Blotched Water Snake.  
Committee on Common Names, 1956(3): 183.
- NATRIX GRAHAMI (Baird & Girard)—Graham's Water Snake.  
Committee on Common Names, 1956(3): 183.  
Huheey, 1959(4): 309.
- NATRIX HARTERI Trapido—Brazos Water Snake.  
Committee on Common Names, 1956(3): 183.
- NATRIX HIMALAYANA (Günther)  
Marx & Cochrane, 1964(2): 456.
- NATRIX KIRTLANDI (Kennicott)—Kirtland's Water Snake.  
Committee on Common Names, 1956(3): 183.  
Holman, 1960(1): 58 (Indiana)

- NATRIX NATRIX** (Linn.)  
 Holman, 1962(2): 258.  
 Zehr, 1962(2): 322.  
 Sledz, Mawhinney & Vernick, 1963  
 (3): 570 (Circulatory syst.)  
 Miranti et al, 1964(1): 211  
 (Spermatozoa)
- NATRIX RHOMBIFERA** (Hallowell)  
 —Diamond-back Water Snake.  
 Committee on Common Names,  
 1956(3): 183.  
 Betz, 1962(2): 284 (Effects of  
 surgical anesthesia)  
 Boyd, Vinson & Ferguson, 1963(2):  
 429 (DDT)  
 Ferguson, 1963(2): 442 (Heptochlor)
- NATRIX RHOMBIFERA RHOMBIFERA**  
 (Hallowell)—Diamond-backed  
 Water Snake.  
 Committee on Common Names,  
 1956(3): 183.  
 McGrew, III, 1963(1): 178. (Eaten  
 by channel catfish)  
 Betz, 1963(4): 692 (Ovarian morphol.)
- NATRIX RIGIDA** (Say)—  
 Glossy water snake.  
 Committee on Common Names,  
 1956(3): 183.  
 Huheey, 1959(4): 303 (Distrib. &  
 var.)
- NATRIX RIGIDA DELTAE** Huheey,  
 1959.  
 Huheey, 1959(4): 305 (La.)
- NATRIX RIGIDA DELTAE X**  
**SINICOLA** Huheey, 1959  
 Huheey, 1959(4): 310 (Intergrades -  
 La., Miss.)
- NATRIX RIGIDA RIGIDA** (Say)  
 Huheey, 1959(4): 304.
- NATRIX RIGIDA SINICOLA** Huheey,  
 1959.  
 Huheey, 1959(4): 305 (Texas)
- NATRIX SEPTEMVITTATA** (Say)  
 —Queen Snake.  
 Committee on Common Names,  
 1956(3): 183.  
 Huheey, 1959(4): 309.  
 Holman, 1962(2): 258.
- NATRIX SIPEDON** Linn. —  
 Common Water Snake.  
 Committee on Common Names,  
 1956(3): 183.  
 Holman, 1958(4): 278 (Pleistocene -  
 Fla.)  
 Conaway & Fleming, 1960(1): 53  
 (Placental transmission)  
 Holman, 1960(1): 58 (Indiana)
- NATRIX SIPEDON** (continued)  
 Holman, 1962(2): 258.  
 Belkin, 1964(2): 322 (Heart rates)
- NATRIX SIPEDON CLARKI** (Baird &  
 Girard)—Gulf Salt Marsh Snake.  
 Committee on Common Names,  
 1956(3): 183.  
 Pettus, 1958(3): 207 (Water re-  
 lationships)  
 Pettus, 1963(3): 499.
- NATRIX SIPEDON COMPRESSICAUDA**  
 (Kennicott)—Mangrove Water  
 Snake.  
 Committee on Common Names,  
 1956(3): 183.  
 Pettus, 1963(3): 499.
- NATRIX SIPEDON CONFLUENS**  
 Blanchard—Broad-banded  
 Water Snakes.  
 Committee on Common Names,  
 1956(3): 183.  
 Pettus, 1958(3): 207 (Water re-  
 lationships)  
 Tinkle, 1960(1): 33.  
 Pettus, 1963(3): 499.
- NATRIX SIPEDON ENGELSI**  
 Barbour, 1943—Carteret Water  
 Snake.  
 Committee on Common Names,  
 1956(3): 183.
- NATRIX SIPEDON FASCIATA** (Linn.)  
 —Banded Water Snake.  
 Committee on Common Names,  
 1956(3): 183.  
 Neill, 1957(1): 47 (Ga.)  
 Pettus, 1963(3): 499.
- NATRIX SIPEDON INSULARUM**  
 Conant & Clay—Lake Erie  
 Water Snake.  
 Committee on Common Names,  
 1956(3): 183.
- NATRIX SIPEDON PICTIVENTRIS**  
 (Cope)—Florida Water Snake.  
 Committee on Common Names,  
 1956(3): 183.  
 Hellman & Telford, 1956(4): 257  
 (N. Fla.)  
 Hansen, 1957(4): 274 (Fla.)  
 Holman & Hill, 1961(4): 498 (Mass  
 movement - Fla.)
- NATRIX SIPEDON PLEURALIS**  
 (Cope)—Midland Water Snake.  
 Committee on Common Names,  
 1956(3): 183.  
 Neill, 1957(1): 47 (Ga.)  
 Pettus, 1963(3): 499.

- NATRIX SIPEDON SIPEDON** (Linn.)  
—Common Water Snake.  
Committee on Common Names,  
1956(3): 183.  
Olson, 1956(3): 190 (Ill.)  
Pettus, 1958(3): 207 (Water re-  
lationships)  
Werner, 1959(2): 172 (Thousand  
Isl. N. Y.)  
Pettus, 1963(3): 499 (Salinity and  
subspeciation)
- NATRIX SIPEDON SIPEDON** (L.) X.  
N. S. **PLEURALIS** (Cope)  
Ferguson, 1961(4): 394 (Miss.)
- NATRIX SIPEDON TAENIATA** (Cope)  
—Atlantic Salt Marsh Snake.  
Committee on Common Names,  
1956(3): 183.
- NATRIX TAXISPILOTA** (Holbrook)—  
Brown Water Snake.  
Karlstrom & Cook, 1955(1): 57  
(Anesthesia)  
Committee on Common Names,  
1956(3): 183.  
Dowling, 1959(1): 45.  
Holman, 1962(2): 258.  
Zehr, 1962(2): 322.
- NATRIX TESSELATA** (Laurenti)  
Holman, 1962(2): 258.
- NATRIX TIGRINA TIGRINA** (Boie)  
Alexander & Diener, 1958(3): 219  
(Japan)  
Goris, 1963(3): 575.
- NATRIX VALIDA VALIDA**  
(Kennicott)  
Conant, 1963(3): 477 (Mexico)
- NECTOPHRYNE** Buchh. & Peters  
Tihen, 1960(3): 226-227.
- NECTOPHRYNE AFRA** Buchh. &  
Peters  
Tihen, 1960(3): 226.
- NECTOPHRYNE VIVIPARA** (Torn.)  
Tihen, 1960(3): 226.
- NECTOPHRYNOIDES** Noble  
Tihen, 1960(3): 227.
- NECTOPHRYNOIDES TORNIERI**  
(Roux)  
Alcala, 1962(4): 722.
- NECTURIDAE**  
Valentine, 1964(3): 583 (Gills &  
gill slits)
- NECTURUS** Raf. —Waterdogs &  
Mudpuppies.  
Valentine, 1964(3): 583 (Gills &  
gill slits)
- NECTURUS LODINGI** Viosca—  
Mobile Waterdog.  
Committee on Common Names,  
1956(3): 175.
- NECTURUS MACULOSUS** (Raf.)  
—Mudpuppy, or Waterdog.  
Committee on Common Names,  
1956(3): 175.
- NECTURUS MACULOSUS BEYERI**  
(Viosca)—Gulf Coast Waterdog.  
Committee on Common Names,  
1956(3): 175.
- NECTURUS MACULOSUS LEWISI**  
Brimley—Neuse River Waterdog.  
Committee on Common Names,  
1956(3): 175.
- NECTURUS MACULOSUS LOUISI-  
ANENSIS** (Viosca)—  
Red River Waterdog.  
Committee on Common Names,  
1956(3): 175.
- NECTURUS MACULOSUS MACULOSUS**  
(Raf.)—Mudpuppy.  
Hecht & Walters, 1955(3): 251  
(Northern limits)  
Committee on Common Names,  
1956(3): 175.  
Olson, 1956(3): 189 (Ill.)  
Fitch, 1958(2): 151 (Induced  
ovulation)  
Werner, 1959(2): 170 (Thousand  
Isl., N. Y.)  
Fitch, 1959(4): 339 (Nesting habits)  
Hunsaker & Johnson, 1959(4): 313  
(Pigm.)
- NECTURUS MACULOSUS STICTUS**  
Bishop—Lake Winnebago  
Mudpuppy.  
Committee on Common Names,  
1956(3): 175.
- NECTURUS PUNCTATUS** (Gibbes)  
—Dwarf Waterdog.  
Committee on Common Names,  
1956(3): 175.
- NEMBUTAL**  
Lowe, 1956(2): 126 (Killing agent for  
Amph. & reptiles)
- NEOBATRACHUS CENTRALIS**  
(Parker)  
Littlejohn & Main, 1959(3): 266  
(Call structure - Australia)
- NEOBATRACHUS PELOBATOIDES**  
(Werner)  
Littlejohn & Main, 1959(3): 266  
(Call structure - Australia)
- NEOBATRACHUS PICTUS** Peters  
Littlejohn & Main, 1959(3): 268  
(Australia)
- NEOBATRACHUS SUTOR** Main,  
1957.  
Littlejohn & Main, 1959(3): 266  
(Call structure - Australia)



**NEOBATRACHUS WILSMOREI**

(Parker)

Littlejohn &amp; Main, 1959(3): 266

(Call structure - Australia)

**NEOSCAPHIOPUS** Taylor, 1942

Tihen, 1960(2): 89 (Pliocene - Spea)

**NEOSCAPHIOPUS NOBLEI** Taylor, 1942.

Tihen, 1960(2): 89 (Syn. - Pliocene - Kansas)

**NEOSEPS** Stejn. — Sand Skinks.

Committee on Common Names,

1956(3): 179.

**NEOSEPS REYNOLDSI** Stejneger — Sand Skink.

Committee on Common Names,

1956(3): 179.

Telford, 1959(2): 110 (Study - Fla.)

Campbell, 1962(2): 438 (Fla.)

**NESOBIA** Kampen, 1923

Berry &amp; Hendrickson, 1963(4): 643 (Tax.)

**NEUSTICURUS COCHRANAE** Burt & Burt

Uzzell, 1961(2): 143 (Ecuador)

**NEUSTICURUS ECPLEOPUS** Cope, 1876.

Uzzell, 1961(2): 143 (Ecuador &amp; Peru)

**NEUSTICURUS FESTAE** (Peracca)

Uzzell, 1961(2): 140-142 (S.A.)

**NEUSTICURUS RACENISI** Roze, 1958.

Uzzell, 1961(2): 143 (Venez.)

**NEUSTICURUS STRANGULATUS** (Cope)

Uzzell, 1961(2): 140-142 (S.A.)

**NINIA** Baird & Girard

Stuart, 1957(2): 91 (Distrib. routes)

**NINIA HUDSONI** Parker

Emsley, 1963(3): 576.

**NINIA SEBAE SEBAE** (Dum., Bibr. & Dum.)

Uzzell &amp; Starrett, 1958(4): 340 (El Salvador)

**NOTECHIS** Boul.

Betz, 1962(2): 284 (Effects of surgical anesthesia)

**NOTECHIS SCUTATUS** (Peters)

— Australian Tiger Snake.

Minton, 1957(4): 265.

Dowling, 1959(1): 45.

Keegan et al, 1962(2): 314 (Venom)

Shaw, 1962(2): 438 (Longevity - SDZ)

**NOTHOPIDAE**

Dunn &amp; Dowling, 1957(4): 260.

**NOTHOPIS RUGOSUS** Cope, 1871

Dunn &amp; Dowling, 1957(4): 255 (Tax.)

**NOTHOPSIS** Cope, 1871

Dunn &amp; Dowling, 1957(4): 255 (Tax.)

Dowling, 1959(1): 48.

**NOTHOPSIS AFFINIS** Boul., 1905

Dunn &amp; Dowling, 1957(4): 255 (Syn.)

**NOTHOPSIS RUGOSUS** Cope, 1871

Dunn &amp; Dowling, 1957(4): 255 (Tax.)

**NOTHOPSIS TORRESI** Taylor, 1951

Dunn &amp; Dowling, 1957(4): 255 (Syn.)

**NOTOPHTHALMUS** Raf.

Valentine &amp; Dennis, 1964(1): 199.

Valentine, 1964(3): 583 (Gills &amp; gill slits)

Davis &amp; Twitty, 1964(4): 609.

**NOTOPHTHALMUS VIRIDESCENS**

(Raf.) — Spotted newt.

Webster, 1960(1): 74 (Toxicity to trout)

**NOTOPHTHALMUS VIRIDESCENS**

LOUISIANENSIS Wolterstorff

Olson, 1956(3): 189 (Ill.)

**NOTOTHECA PYGMAEA** (Werner, 1894)

Starrett, 1960(4): 304.

**NYCTIMANTIS** Boul.

Goin, 1961(1): 62.

Tyler, 1962(2): 435.

**NYCTIMYSTES** Stejneger, 1916

Goin, 1961(1): 62.

**NYCTIMYSTES GULARIS** Parker

Tyler, 1962(2): 435 (Papua - notes)

**NYCTIMYSTES HUMERALIS** (Boul.)

Tyler, 1962(2): 435.

**NYCTIMYSTES KUBORI** Zweifel

Tyler, 1962(2): 435.

**NYCTIMYSTES MONTANA** Parker

Tyler, 1962(2): 435.

**NYCTIMYSTES PAPUA** (Boul.)

Lynch, 1963(3): 567 (Iliia)

**NYCTIMYSTES PERSIMILIS** Zweifel

Tyler, 1962(2): 435.

**ODONTOPHRYNUS** Reinh. & Lütik.

Myers, 1962(1): 198.

**ODONTOPHRYNUS AMERICANUS**

Dum. &amp; Bibr.

Cei, 1955(4): 291 (Argentina)

Bertini &amp; Rathe, 1962(1): 182-183

(Electrophoretic analysis)

**ODONTOPHRYNUS CULTRIPES**

Reinh. &amp; Lütik.

Cei, 1955(4): 291 (Argentina)

- OEDIPINA UNIFORMIS Keferstein, 1868.  
Uzzell, 1961(1): 85 (Calcification)
- OEDIPUS Tschudi  
Gehlbach, 1959(3): 203.  
Wake & Brame, 1963(2): 382 (Tax.)
- OEDIPUS ALTAMAZONICUS Dunn, 1926.  
Brame & Wake, 1962(1): 173 (Syn.)
- OOEIDOZYGA LAEVIS LAEVIS (Günther)  
Alcala, 1962(4): 681, 685 (Life history - Negros, Philip. Isl.)  
Brown & Alcala, 1963(4): 675 (Bchol, Philip. Isl.)
- ONYCHODACTYLUS Tschudi  
Valentine & Dennis, 1964(1): 199.  
Valentine, 1964(3): 583 (Gills & gill slits)
- OOEIDOZYGA Kuhl & Van Hasselt  
Alcala, 1962(4): 721.
- OOEIDOZYGA LAEVIS MARTENSI Peters  
Alcala, 1962(4): 723 (Thailand)
- OOPHILOSITUM Parker, 1933  
de Witte, 1963(4): 634 (Tax.)
- OOPHILOSITUM FASCIATUM (Günther, 1858)  
de Witte, 1963(4): 634 (Tax.)
- OOPHILOSITUM PARKERI Angel, 1934.  
de Witte, 1963(4): 635 (Tax.)
- OOPHILOSITUM WERNERI (Mocquard, 1902)  
de Witte, 1963(4): 635 (Tax.)
- OPETIOSAURUS Kornhuber, 1902  
Underwood, 1957(1): 25.
- OPHEODRYS Fitzinger—  
Green Snakes.  
Committee on Common Names, 1956(3): 183.  
Betz, 1963(4): 692 (Ovarian morphol.)
- OPHEODRYS AESTIVUS (Linn.)—  
Rough Green Snake.  
Committee on Common Names, 1956(3): 183.  
Telford, 1959(2): 111 (Fla.)  
Tinkle, 1960(1): 29 (La.-popul. study)  
Ferguson, 1961(4): 394 (Miss.)  
Holman, 1962(2): 259.
- OPHEODRYS AESTIVUS AESTIVUS (Linn.)—  
Eastern Rough Green Snake.  
Committee on Common Names, 1956(3): 183.
- OPHEODRYS AESTIVUS MAJALIS (Baird & Girard)—  
Western Rough Green Snake.  
Committee on Common Names, 1956(3): 183.
- OPHEODRYS VERNALIS (Harlan)  
—Smooth Green Snake.  
Committee on Common Names, 1956(3): 183.
- OPHEODRYS VERNALIS BLANCHARDI Grobman—  
Western Smooth Green Snake.  
Committee on Common Names, 1956(3): 183.
- OPHEODRYS VERNALIS VERNALIS (Harlan)—  
Eastern Smooth Green Snake.  
Committee on Common Names, 1956(3): 183.  
Werner, 1959(2): 171 (Thousand Isl. N. Y.)  
Tinkle, 1960(1): 29.  
Holman, 1962(2): 260.  
Bothner & Moore, 1964(4): 710 (Pa.)
- OPHEODRYS VERNALIS VERNALIS (Harlan) X BLANCHARDI Grobman  
Olson, 1956(3): 189 (Ill.)
- OPHIBOLUS ALTERNA Brown, 1902.  
Gehlbach & Baker, 1962(2): 298.
- OPHIBOLUS ALTERNUS Strecker, 1915.  
Gehlbach & Baker, 1962(2): 298.
- OPHIBOLUS TRIANGULUS MEXICANUS Garman, 1883  
Gehlbach & Baker, 1962(2): 298.
- OPHIODES STRIATUS (Spix)  
Bertini & Rathe, 1962(1): 182-183 (Electrophoretic Analysis)
- OPHIOPHAGUS HANNAH (Cantor)  
—King Cobra.  
Perkins, 1955(3): 262 (Longevity - GOW)  
Gans & Richmond, 1957(4): 271.  
Shaw, 1959(4): 337 (Longevity - PZ)
- Keegan, Whittemore & Maxwell, 1962(2): 314 (Venom)  
Shaw, 1962(2): 438 (Longevity - PZ)
- OPHIOPS ELEGANS ELEGANS Menetries  
Weber, 1960(2): 154 (Iraq)
- OPHIOSEPIDAE  
Underwood, 1957(1): 28.
- OPHIOSEPS NASUTUS Bocage  
Underwood, 1957(1): 29.

- OPHISAURUS Daudin  
—Glass Lizards.  
Committee on Common Names,  
1956(3): 179.
- OPHISAURUS APODUS (Pallas)  
Watson, 1962(2): 318.
- OPHISAURUS ATTENUATUS Cope  
—Slender glass lizard.  
Committee on Common Names,  
1956(3): 179.  
Holman, 1959(2): 99.  
Hunsaker & Johnson, 1959(4): 313  
(Pigm.)  
Etheridge, 1960(1): 46 (Pleistocene -  
Okla.)
- OPHISAURUS ATTENUATUS ATTEN-  
UATUS Cope—Western Slender  
Glass Lizard.  
Committee on Common Names,  
1956(3): 179.
- OPHISAURUS ATTENUATUS LONGI-  
CAUDUS McConkey—  
Eastern Slender Glass Lizard.  
Committee on Common Names,  
1956(3): 179.  
Telford, 1959(2): 111 (Fla.)
- OPHISAURUS COMPRESSUS Cope  
—Island Glass Lizard.  
Committee on Common Names,  
1956(3): 179.  
Holman, 1959(2): 99.  
Telford, 1959(2): 111 & 113 (Fla.)  
Etheridge, 1960(1): 46.
- OPHISAURUS VENTRALIS (Linn.)  
—Eastern glass-snake.  
Hebard & Charipper, 1955(4): 306  
(Phylogeny)  
Holman, 1958(4): 278 (Pleistocene -  
Fla.)  
Holman, 1959(2): 99 (Pleistocene -  
Fla.)  
Hunsaker & Johnson, 1959(4): 313  
(Pigm.)  
Etheridge, 1960(1): 46.  
Schmidt, 1964(3): 548 (Cochlea)
- OREOLALAX Myers & Leviton, 1962  
Myers & Leviton, 1962(2): 287, 289  
(Asia - classif.)
- OREOLALAX PINGII (Liu, 1951)  
Myers & Leviton, 1962(2): 289  
(Comb. nov.)
- OREOLALAX POPEI (Liu, 1951)  
Myers & Leviton, 1962(2): 289  
(Comb. nov.)
- OREOLALAX RUGOSUS (Liu, 1951)  
Myers & Leviton, 1962(2): 289  
(Comb. nov.)
- OREOLALAX SCHMIDTI (Liu, 1951)  
Myers & Leviton, 1962(2): 289  
(Comb. nov.)
- OREOPELEIA LAWRENCH CARRIKERI  
Wetmore, 1943  
Fraser, 1964(3): 573 (Mexico)
- OREOPHIS BOULENGERI Duges,  
1897.  
Webb, 1961(3): 328 (Syn. =  
Lampropeltis mexicana)  
Gehlbach & Baker, 1962(2): 298.
- OREOPHRYNE ANNULATA (Stejn.)  
Alcala, 1962(4): 680.
- OREOPHRYNELLA Boulenger, 1895  
Tihen, 1960(3): 227.
- OTACRYPTIS NIGRILABRIS Peters,  
1864.  
Inger, 1960(3): 224 (Syn.)
- OXYBELIS Wagler—Vine Snakes.  
Committee on Common Names,  
1956(3): 183.
- OXYBELIS AEENEUS (Wagler)—  
Vine Snake.  
Committee on Common Names,  
1956(3): 183.
- OXYBELIS AEENEUS AURATUS  
(Bell)—Mexican Vine Snake.  
Committee on Common Names,  
1956(3): 183.
- OXYBELIS FULGIDUS (Daudin)  
Emsley, 1963(3): 577 (Trinidad,  
Patos Isl.)
- OXYRHABDIUM Boul.  
Tayler, 1963(2): 431.
- OXYRHOPUS CORONATUS Schneider  
Emsley, 1963(3): 577 (Tax.)
- OXYRHOPUS NEUWIEDII Dum. &  
Bibr.  
Emsley, 1963(3): 577 (Tax.)

## P

- PACHYDACTYLUS BIBRONII (Smith)  
Schmidt, 1964(3): 548 (Cochlea)
- PACHYDACTYLUS GEITJE  
(Sparrman)—Eyed gecko.  
Bustard, 1963(2): 433 (Incubation)
- PALEOELAPHE KANSENSIS Gilmore  
Holman, 1964(4): 634.
- PALEOHETERODON Holman, 1964  
Holman, 1964(4): 633 (Upper  
Mocene - Low. Pliocene -  
Nebr.)
- PALEOHETERODON TIHENI  
Holman, 1964  
Holman, 1964(4): 633 (Up. Mioc. -  
Low. Plioc. - Nebr. - Genotype)

- PALEOSUCHUS PALPEBROSUS  
Cuv., 1807  
Medem & Marx, 1955(1): 1 (Artif. key)
- PALEOSUCHUS TRIGONATUS  
Schneider, 1801  
Medem & Marx, 1955(1): 1 (Artif. key)
- PALUDICOLA Wagler, 1830  
Milstead, 1960(2): 84 (Syn.)
- PADUDICOLA BILIGONIGERUS  
Boul., 1882  
Milstead, 1960(2): 84 (Syn.)
- PALUDICOLA BISCHOFFI Boul., 1887.  
Milstead, 1960(2): 86 (Syn.)
- PALUDICOLA FUSCOMACULATUS  
Boul., 1882  
Milstead, 1960(2): 85 (Syn.)
- PALUDICOLA GRACILIS Boul., 1883.  
Milstead, 1960(2): 86 (Syn.)
- PALUDICOLA HENSELI Boul., 1882.  
Milstead, 1960(2): 87 (Syn.)
- PALUDICOLA HENSELII Peters, 1872.  
Milstead, 1960(2): 87 (Syn.)
- PALUDICOLA MYSTACALIS  
Cope, 1887  
Milstead, 1963(3): 566 (Syn.)
- PALUDICOLA NEGLECTA Ahl, 1927  
Milstead, 1963(3): 566 (Syn.)
- PALUDICOLA RANINA Cope, 1885  
Milstead, 1963(3): 566 (Syn.)
- PANTODACTYLUS SCHREIBERSI  
SCHREIBERSI (Weigmann)  
Milstead, 1961(4): 493 (S. Brazil)
- PARAFORMALDEHYDE  
Taub, 1962(1): 209 (Field preservative)
- PARAGERRHONOTUS Estes  
Estes, 1963(4): 676 (Pliocene - Calif.)
- PARAGERRHONOTUS RICARDENSIS  
Estes  
Estes, 1963(4): 676 (Pliocene - Calif.)
- PARAOXYBELIS Auffenberg  
Holman, 1964(4): 636.
- PARASANIWA Gilmore, 1928  
Estes, 1963(4): 678.
- PARVIMOLGE Taylor  
Uzzell, 1961(1): 78.
- PARVIMOLGE PRAECELLENS  
Rabb, 1955  
Uzzell, 1961(1): 80, 85 (Calcification)
- PARVIMOLGE RICHARDI Taylor, 1949.  
Uzzell, 1961(1): 80, 85 (Calcification)
- PARVIMOLGE TOWNSENDI (Dunn)  
Rabb, 1960(4): 310.  
Uzzell, 1961(1): 78, 85 (Calcification)
- PEDOSTIBES HOSII (Boul.)  
Tihen, 1960(3): 226 (Africa)
- PEDOSTIBES RUGOSUS Inger, 1958  
Tihen, 1960(3): 226 (Africa)
- PELAMIS Fitzinger  
Dowling, 1959(1): 49.
- PELAMIS PLATURUS (Linn.)—  
Black and Yellow Sea Snake.  
Dowling, 1959(1): 49.  
Klawe, 1964(4): 712 (Food - Ecuador)
- PELOBATES FUSCUS Laur.  
Boschwitz, 1957(4): 310.  
Tihen, 1960(2): 90.  
Rabb & Rabb, 1960(4): 275.
- PELOBATES SYRIACUS Goettger H.  
Boschwitz, 1957(4): 310 (Thyroidless tadpoles - Tel-Aviv)  
Wilhoft & Gosner, 1964(1): 217 (Tadpoles)
- PELOBATIDAE  
Myers & Leviton, 1962(2): 288, 290.  
Holman, 1963(4): 708.
- PELOBATRACHUS Beddard, 1907  
Berry & Hendrickson, 1963(4): 643 (Tax.)
- PELOBATRACHUS NASUTUS (Schlegel)  
Berry & Hendrickson, 1963(4): 643 (Tax.)
- PELODYTIDAE  
Myers & Leviton, 1962(2): 290.
- PELOPHRYNE ALBOTAENIATA  
Barbour, 1938  
Tihen, 1960(3): 226 (Africa)
- PELOPHRYNE BREVIPIES (Peters)  
Alcala, 1962(4): 680.
- PELOPHRYNE LIGHTI (Taylor)  
Brown & Alcala, 1963(4): 675 (Bohol, Philip. Isl.)
- PELTOCEPHALUS Dum. & Bibr., 1835.  
Myers, 1962(1): 200 (Preoccupies generic name)
- PELTOCEPHALUS Bibron, in Tschudi, 1838  
Myers, 1962(1): 200 (Tax.)

- PELTOCEPHALUS QUOYII** Bibron,  
in Tschudi, 1838  
Myers, 1962(1): 200 (Tax.)
- PELTOSAURUS** Cope, 1873  
Underwood, 1957(1): 25.  
Estes, 1963(4): 678.
- PELTURAGONIA CEPHALUM**  
Mocquard, 1890  
Inger, 1960(3): 223 (Syn.)
- PEROPUS MUTILATUS** (Wiegmann)  
—House geckos.  
Church, 1962(2): 262 (Reproductive  
cycle - Java)
- PETROSAURUS** Boul. —  
Rock Lizards.  
Committee on Common Names,  
1956(3): 181 (Uta.)
- PETROSAURUS MEARNISI**  
(Stejneger)  
Etheridge, 1964(4): 612, 618  
(Skeletal Morph.)
- PETROSAURUS SLEVINI**  
(Van Denburgh)  
Etheridge, 1964(4): 612, 618  
(Skeletal morph.)
- PETROSAURUS THALASSINUS** (Cope)  
Etheridge, 1964(4): 611, 618  
(Skeletal morph.)
- PHAEOGNATHUS** Highton, 1961  
Highton, 1961(1): 66 (Plethodontidae)
- PHAEOGNATHUS HUBRICHTI**  
Highton, 1961  
Highton, 1961(1): 67 (Ala.)
- PHARYNGODON** Diesing, 1861  
Duellman & Klaas, 1964(2): 309  
(Tax.)
- PHARYNGODON** Cope, 1865  
Duellman & Klaas, 1964(2): 309  
(Genus preoccupied)
- PHARYNGODON PETASATUS**  
Cope, 1865  
Duellman & Klaas, 1964(2): 309  
(Syn.)
- PHENACOSAURUS** Barbour, 1920  
Etheridge, 1964(4): 624 (Skeleton)
- PHILAUTUS** Tschudi  
Myers, 1962(1): 198.
- PHILAUTUS ACUTIROSTRIS** (Peters)  
Brown & Alcalá, 1963(4): 675  
(Mindanao)
- PHILAUTUS BIMACULATUS** (Peters)  
Brown & Alcalá, 1963(4): 675  
(Bohol, Philip. Isl.)
- PHILAUTUS LEITENSIS** (Boul.)  
Brown & Alcalá, 1963(4): 675  
(Bohol, Philip. Isl.)
- PHILAUTUS SPINOSUS** (Taylor)  
Alcalá, 1962(4): 680 (Philip. Isl.)  
Brown & Alcalá, 1963(4): 675  
(Bohol, Philip. Isl.)
- PHOXOPHRYS** Hubrecht  
Inger, 1960(3): 221 (Review)
- PHOXOPHRYS BORNEENSIS** Inger,  
1960.  
Inger, 1960(3): 222 (N. Borneo)
- PHOXOPHRYS CEPHALUM**  
Mocquard  
Inger, 1960(3): 222-223 (N. Borneo)
- PHOXOPHRYS GRAHAMI** Stejneger  
Inger, 1960(3): 221 (Tax.)
- PHOXOPHRYS NIGRILABRIS**  
(Peters)  
Inger, 1960(3): 221, 224 (Sarawak)
- PHOXOPHRYS SPINICEPS** Smith,  
1925.  
Inger, 1960(3): 221, 224 (Sarawak)
- PHOXOPHRYS TUBERCULATA**  
Hubrecht, 1881  
Inger, 1960(3): 221, 225 (Sumatra)
- PHRYNOBATRACHUS** Günther  
Inger, 1962(4): 836 (Terrestrial  
origin)
- PHRYNOCEPHALUS ARABICUS**  
Anderson  
Haas & Battersby, 1959(3): 202  
(Arabia)
- PHRYNOCEPHALUS MACULATUS**  
Anderson  
Haas & Battersby, 1959(3): 202  
(Arabia)
- PHRYNOHYAS** Fitzinger  
Starrett, 1960(4): 300.  
Duellman & Klaas, 1964(2): 311.
- PHRYNOHYAS INGENS** Duellman,  
1956.  
Zweifel, 1964(1): 203.
- PHRYNOHYAS SPILOMMA** Cope  
Starrett, 1960(4): 304.  
Janzen, 1962(3): 651 (Toxic  
secretion - Mexico)
- Lynch, 1963(3): 567 (Ila).  
Zweifel, 1964(1): 203 (Mex.)  
Duellman & Klaas, 1964(2): 313  
(Yucatan)
- PHRYNOHYAS VENULOSA** (Laurenti)  
Holm n., 1963(3): 558.  
Zweifel, 1964(1): 201 (Life history)
- PHRYNOHYAS ZONATA** (Spix)  
Lynch, 1963(3): 567 (Ila)  
Zweifel, 1964(1): 201.
- PHRYNOSOMA** Wiegmann—  
Horned Lizards.

## PHRYNOSOMA (continued)

- Committee on Common Names,  
1956(3): 180.  
Dessauer et al, 1962(4): 773.  
Betz, 1963(4): 692 (Ovarian  
morphol.)  
Schmidt, 1964(3): 544 (Cochlea)  
PHRYNOSOMA ASIO Cope, 1864  
Duellman, 1958(1): 49 (Mex.)  
Etheridge, 1964(4): 631 (Skeleton)  
PHRYNOSOMA BLAINVILLEI Gray  
Hunsaker & Johnson, 1959(4): 313  
(Pigm.)  
PHRYNOSOMA CORNUTUM (Harlan)  
— Texas horned toad.  
Allen & Neill, 1955(1): 63 (Florida)  
Beck, 1955(3): 257 (Acclim. on  
French Riviera, from Texas)  
Hebard & Charipper, 1955(4): 306  
(Phylogeny)  
Committee on Common Names,  
1956(3): 180.  
Etheridge, 1958(2): 97 (Pliocene &  
Late Pleist.)  
Hunsaker & Johnson, 1959(4): 313  
(Pigm.)  
Fitch & Milstead, 1961(1): 112.  
Zweifel, 1962(4): 761.  
Schmidt, 1964(3): 548 (Cochlea)  
Etheridge, 1964(4): 631 (Skeleton)  
PHRYNOSOMA CORONATUM  
(Blainville)—Coast Horned  
Lizard.  
Brattstrom, 1955(2): 134.  
Committee on Common Names,  
1956(2): 134.  
Etheridge, 1958(2): 97.  
Etheridge, 1964(4): 631 (Skeleton)  
PHRYNOSOMA CORONATUM BLAIN-  
VILLEI (Gray)—San Diego  
Horned Lizard.  
Committee on Common Names,  
1956(3): 180.  
Shaw, 1963(1): 154 (Albino)  
Etheridge, 1964(4): 631 (Skeleton)  
PHRYNOSOMA CORONATUM  
FRONTALE Van Denburgh—  
California Horned Lizard.  
Committee on Common Names,  
1956(3): 180.  
PHRYNOSOMA DOUGLASSI (Bell)  
—Short-horned Lizard.  
Committee on Common Names,  
1956(3): 180.  
PHRYNOSOMA DOUGLASSI BREVIR-  
OSTRE (Girard)—Eastern  
Short-horned Lizard.  
Committee on Common Names,  
1956(3): 180.

PHRYNOSOMA DOUGLASSI DOUGLAS-  
SI (Bell)—Pygmy Horned  
Lizard.

- Committee on Common Names,  
1956(3): 180.  
Etheridge, 1958(2): 97.  
PHRYNOSOMA DOUGLASSI HERNAN-  
DESI (Girard)—Mountain  
Short-horned Lizard.  
Committee on Common Names,  
1956(3): 180.  
Etheridge, 1964(4): 631 (Skeleton)  
PHRYNOSOMA DOUGLASSI ORNATIS-  
SIMUM (Girard)—Desert  
Short-horned Lizard.  
Committee on Common Names,  
1956(3): 180.  
PHRYNOSOMA DOUGLASSI ORNATUM  
Girard—Salt Lake Horned  
Lizard.  
Committee on Common Names,  
1956(3): 180.  
PHRYNOSOMA JOSECITENSIS  
Brattstrom  
Brattstrom, 1955(2): 134  
(Pleistocene - Mexico)  
Etheridge, 1958(2): 97 (Pleistocene -  
Mex.)  
PHRYNOSOMA M'CALLI (Hallowell)  
—Flat-tailed Horned Lizard.  
Committee on Common Names,  
1956(4): 313 (Pigm.)  
Hunsaker & Johnson, 1959(4): 313  
(Pigm.)  
Earle, 1961(1): 72.  
Earle, 1961(1): 408 (Ear)  
Etheridge, 1964(4): 631 (Skeleton)  
PHRYNOSOMA MODESTUM Girard  
—Round-tailed Horned Lizard.  
Bundy, Meyer & Neess, 1955(4):  
312 (Mex.)  
Committee on Common Names,  
1956(3): 180.  
Etheridge, 1958(2): 97.  
Hunsaker & Johnson, 1959(4): 313  
(Pigm.)  
Fitch & Milstead, 1961(1): 112.  
Zweifel, 1962(4): 761.  
Etheridge, 1964(4): 631 (Skeleton)  
PHRYNOSOMA ORBICULARE COR-  
TEZI (Bocourt)  
Etheridge, 1964(4): 631 (Skeleton)  
PHRYNOSOMA ORBICULARE ORBI-  
CULARE (Linn.)  
Brattstrom, 1955(2): 134  
(Pleistocene - Mexico)  
Etheridge, 1958(2): 97 (Pleistocene -  
Mex.)  
Etheridge, 1964(4): 631 (Skeleton)



- PHRYNOSOMA PLATYRHINOS**  
Girard—Desert Horned Lizard.  
Committee on Common Names, 1956(3): 180.
- PHRYNOSOMA PLATYRHINOS CALIDIARUM** (Cope)—  
Southern Desert horned lizard.  
Committee on Common Names, 1956(3): 180.  
Lawrence & Wilhoft, 1958(1): 43 (Lava dwelling - cryptic coloration)  
Etheridge, 1964(4): 631 (Skeleton)
- PHRYNOSOMA PLATYRHINOS PLATYRHINOS** Girard—  
Northern Desert Horned Lizard.  
Brattstrom, 1955(2): 134.  
Committee on Common Names, 1956(3): 180.  
Etheridge, 1958(2): 97 (Pleistocene - Nevada)  
Harris, 1958(3): 222 (Nocturnal tendency - Calif.)  
Hunsaker & Johnson, 1959(4): 313 (Pigm.)  
Earle, 1961(1): 73.  
Etheridge, 1964(4): 631 (Skeleton)
- PHRYNOSOMA SOLARE** Gray—  
Regal Horned lizard.  
Brattstrom, 1955(2): 134.  
Committee on Common Names, 1956(3): 180.  
Cutter, 1959(2): 176 (Blood - squirting)  
Etheridge, 1964(4): 631 (Skeleton)
- PHYLLOBATES** Bibron, 1840-41.  
Dunn, 1957(2): 77 (Tax.)
- PHYLLOBATES BEATRICIAE**  
Barbour & Dunn, 1921  
Dunn, 1957(2): 78 (Tax.)
- PHYLLOBATES BRUNNEUS** (Cope, 1887)  
Dunn, 1957(2): 77 (Tax.)
- PHYLLOBATES FEMORALIS** (Boulenger, 1883)  
Dunn, 1957(2): 78 (Tax.)
- PHYLLOBATES FLOTATOR** Dunn  
Dunn, 1957(2): 78 (Tax.)
- PHYLLOBATES LATINASUS** Cope, 1863.  
Dunn, 1957(2): 78 (Tax.)
- PHYLLOBATES MELANORHINUS**  
Berthold, 1845.  
Dunn, 1957(2): 77 (Tax.)
- PHYLLOBATES NICEFORI** Noble, 1923.  
Dunn, 1957(2): 77 (Tax.)
- PHYLLOBATES PRATTI**  
Boulenger, 1899.  
Dunn, 1957(2): 78 (Tax.)
- PHYLLOBATES RIDENS** Cope, 1866  
Myers, 1962(1): 197 (Type of Hypodictyon)
- PHYLLOBATES SUBPUNCTATUS** (Cope, 1899)  
Dunn, 1957(2): 78 (Tax.)
- PHYLLOBATES SUBPUNCTATUS**  
Ruthven  
Dunn, 1957(2): 78 (Tax.)
- PHYLLOBATES TRINITATIS**  
Garman, 1887  
Hutchison, 1959(1): 72 (Agg. behavior)
- PHYLLODACTYLUS** Gray—  
Leaf-toed Geckos.  
Committee on Common Names, 1956(3): 180.
- PHYLLODACTYLUS ELISAE**  
Werner  
Weber, 1960(2): 153 (Iraq)
- PHYLLODACTYLUS LANEI** Smith  
Duellman, 1958(1): 49 (Mex.)
- PHYLLODACTYLUS OCELLATUS** (Gray)  
Dixon & Kluge, 1964(1): 174 (Syn.)
- PHYLLODACTYLUS PORPHYREUS** (Daudin)  
Bustard, 1963(2): 434.
- PHYLLODACTYLUS TUBERCULOSUS**  
Wiegmann—Leaf-toed Geckos.  
Committee on Common Names, 1956(3): 180.
- PHYLLOMEDUSA** Wagler  
Starrett, 1960(4): 300.  
Goin, 1961(1): 62.
- PHYLLOMEDUSA ALCORNI** (Taylor)  
Funkhouser, 1962(3): 589.
- PHYLLOMEDUSA BICOLOR** Günther  
Funkhouser, 1962(3): 589 (Venezuela)
- PHYLLOMEDUSA BOLIVIANA** Boul.  
Starrett, 1960(4): 304.
- PHYLLOMEDUSA CALLIDRYAS** (Cope)  
Starrett, 1960(4): 304.  
Funkhouser, 1962(3): 590.
- PHYLLOMEDUSA CRASPEDOPUS**  
Funkhouser  
Funkhouser, 1962(3): 590 (Andes)
- PHYLLOMEDUSA DACNICOLOR**  
Cope  
Starrett, 1960(4): 304.  
Holman, 1962(2): 256.  
Funkhouser, 1962(3): 589.

- PHYLLOMEDUSA GUTTATA**  
 A. Lutz  
 Zweifel, 1964(1): 206 (Dentition)
- PHYLLOMEDUSA HELENÆ** Cope  
 Starrett, 1960(4): 304.
- PHYLLOMEDUSA HYPOCHONDRIALIS** (Daudin)  
 Cei, 1955(4): 291 (Argentina)
- PHYLLOMEDUSA LEMUR** Boul.  
 Funkhouser, 1962(3): 589  
 (Costa Rica)
- PHYLLOMEDUSA LORIS** Boul.  
 Funkhouser, 1962(3): 589 (Andes)
- PHYLLOMEDUSA MEDINAE**  
 Funkhouser, 1962  
 Funkhouser, 1962(3): 588  
 (Venezuela)
- PHYLLOMEDUSA MORELETI** (Dum.)  
 Starrett, 1960(4): 304.  
 Funkhouser, 1962(3): 590.
- PHYLLOMEDUSA NICEFORI** Barbour  
 Funkhouser, 1962(3): 589  
 (Venezuela)
- PHYLLOMEDUSA PERLATA** Boul.  
 Emsley, 1963(3): 576.
- PHYLLOMEDUSA SAUVAGII** Boul.  
 Cei, 1955(4): 291 (Argentina)  
 Bertini & Rathe, 1962(1): 182-183  
 (Electrophoretic analysis)
- PHYLLORHYNCHUS Stejn.** —  
 Leaf-nosed Snakes.  
 Committee on Common Names,  
 1956(3): 183.  
 Cowles, 1956(4): 212 (Sidewinding)
- PHYLLORHYNCHUS BROWNI Stejn.**  
 —Saddled Leaf-nosed Snake.  
 Committee on Common Names,  
 1956(3): 183.
- PHYLLORHYNCHUS BROWNI BROWNI Stejn.** — Pima Leaf-nosed Snake.  
 Committee on Common Names,  
 1956(3): 183.
- PHYLLORHYNCHUS BROWNI LUCIDUS**  
 Klauber—Maricopa Leaf-nosed Snake.  
 Committee on Common Names,  
 1956(3): 183.
- PHYLLORHYNCHUS DECURTATUS**  
 Cope—Spotted Leaf-nosed Snake.  
 Committee on Common Names,  
 1956(3): 183.
- PHYLLORHYNCHUS DECURTATUS NUBILUS** Klauber—  
 Clouded Leaf-nosed Snake.  
 Committee on Common Names,  
 1956(3): 183.
- PHYLLORHYNCHUS DECURTATUS PERKINSI** Klauber—  
 Western Leaf-nosed Snake.  
 Committee on Common Names,  
 1956(3): 183.
- PHYLLURUS MILIUSII** Bory  
 Dixon & Kluge, 1964(1): 180  
 (Australia)
- PHYSALAEMUS Fitzinger, 1826**  
 Milstead, 1960(2): 83 (Brazil)  
 Myers, 1962(1): 198.
- PHYSALAEMUS BARBOURI** Parker,  
 1927.  
 Milstead, 1960(2): 87 (Tax. -  
 Argentina)
- PHYSALAEMUS BILIGONIGERUS**  
 (Cope, 1860)  
 Milstead, 1960(2): 84 (Brazil - tax.)  
 Milstead, 1963(3): 565 (Brazil)
- PHYSALAEMUS BISCHOFFI** Parker,  
 1927.  
 Milstead, 1960(2): 86 (Syn.)
- PHYSALAEMUS CUVIERI** Fitz.  
 Cei, 1955(4): 291 (Argentina)  
 Milstead, 1960(2): 84 (Syn.)
- PHYSALAEMUS FERNANDEZAE**  
 Muller, 1926  
 Milstead, 1960(2): 86 (Tax.)
- PHYSALAEMUS FUSCOMACULATUS**  
 (Steindachner, 1864)  
 Cei, 1955(4): 261 (Argentina)  
 Milstead, 1960(2): 85 (Brazil)
- PHYSALAEMUS FUSCOMACULATUS**  
 Parker, 1927  
 Milstead, 1960(2): 85 (Syn.)  
 Milstead, 1963(3): 565 (Syn.)
- PHYSALAEMUS GRACILIS** (Boul.,  
 1883)  
 Milstead, 1960(2): 86 (Brazil)  
 Milstead, 1963(3): 566.
- PHYSALAEMUS HENSELI** (Peters,  
 1872)  
 Milstead, 1960(2): 87 (Brazil)  
 Milstead, 1963(3): 566.
- PHYSALAEMUS MYSTACALIS**  
 (Cope, 1887)  
 Milstead, 1963(3): 565-566 (Brazil)
- PHYSALAEMUS NEGLECTA** (Ahl,  
 1927)  
 Milstead, 1963(3): 566 (comb. nov.)
- PHYSALAEMUS RIOGRANDENSIS**  
 Milstead, 1960  
 Milstead, 1960(2): 87 (Brazil)
- PIPA CARVALHOI** Mir. - Rib.  
 Rabb & Snedigar, 1960(1): 41.
- PIPA PARVA** Ruthven & Gaige  
 Heatwole, 1963(2): 436 (Panama)

- PIPA PIPA Linn.—Surinam Toad.  
Rabb & Snedigar, 1960(1): 40  
(Breeding & develop.)  
Rabb & Rabb, 1960(4): 271 (Mating  
& egg-laying behavior)  
Rabb, 1960(4): 369 (Unique sound  
production)  
Sokol, 1962(2): 273.  
Rabb & Rabb, 1963(4): 636 (Breed-  
ing behavior)
- PITHECOPSIS Dum. & Bibr.  
Myers, 1962(1): 199 (Tax.)
- PITUOPHIS Holbrook—Bullsnakes.  
Committee on Common Names,  
1956(3): 183.  
Cowles, 1956(4): 212 (Sidewinding)  
Stuart, 1957(2): 94 (Distrib.)  
Dowling, 1958(1): 30, 39.  
Betz, 1962(2): 285 (Anesthesia)  
Holman, 1964(4): 635.
- PITUOPHIS CATENIFER (Blainville)  
—Gopher Snake.  
Karlstrom & Cook, 1955(1): 57  
(Anesthesia)  
Erickson, 1955(2): 137 (unusual food)  
Sooter, 1955(3): 255 (Bleeding techn.)  
Committee on Common Names,  
1956(3): 183.  
Ferguson, Payne & Storm, 1956(4):  
255 (distrib. in Oregon)
- PITUOPHIS CATENIFER AFFINIS  
(Hallowell)—Sonora Gopher  
Snake.  
Perkins, 1955(3): 262 (Longevity -  
SDZ)  
Committee on Common Names,  
1956(3): 183.  
Shaw, 1962(2): 438 (Longevity - SIZ)
- PITUOPHIS CATENIFER ANNECTENS  
Baird & Girard—San Diego  
Gopher Snake.  
Perkins, 1955(3): 262 (Longevity -  
SDZ)  
Committee on Common Names,  
1956(3): 183.  
Shaw, 1957(1): 50 (Longevity - SDZ)  
Shaw, 1957(4): 310 (Longevity,  
albino - SDZ)  
Shaw, 1958(3): 221 (Longevity -  
SDZ)
- PITUOPHIS CATENIFER CATENIFER  
(Blainville)—Pacific Gopher  
Snake.  
Perkins, 1955(3): 262 (Longevity -  
SDZ)  
Campbell, 1956(2): 125 (New Mexico)  
Committee on Common Names,  
1956(3): 183.
- PITUOPHIS CATENIFER DESERTI-  
COLA Stejn.—Great Basin  
Gopher snake.  
Committee on Common Names,  
1956(3): 183.  
Shaw, 1958(3): 221 (Longevity -  
SDZ)  
Medina, 1959(4): 336 (Feed.  
behavior)  
Shaw, 1959(4): 337 (Longevity -  
SDZ)
- PITUOPHIS CATENIFER PUMILUS  
Klauber—Santa Cruz Island  
Gopher Snake.  
Committee on Common Names,  
1956(3): 183.
- PITUOPHIS CATENIFER SAYI  
(Schlegel)—Bullsnake.  
Committee on Common Names,  
1956(3): 183.  
Manville, 1957(4): 309.  
Peabody, 1958(2): 91 (Kansas  
drouth-growth zones)  
Shaw, 1962(2): 438 (Longevity -  
SDZ)
- PITUOPHIS MELANOLEUCUS  
(Daudin)—Pine Snake.  
Committee on Common Names,  
1956(3): 183.
- PITUOPHIS MELANOLEUCUS  
CATENIFER (Blainville)—  
Bullsnake.  
Jameson, 1956(1): 55 (Oregon -  
feeding habits)  
Ferguson, Payne & Storm, 1956(4):  
255 (Ore.)
- PITUOPHIS MELANOLEUCUS DE-  
SERTICOLA (Stejn.)  
Jameson, 1956(1): 55 (Oregon -  
feeding habits)  
Ferguson, Payne & Storm, 1956(4):  
255 (Ore.)
- PITUOPHIS MELANOLEUCUS  
LODINGI Blanchard—  
Black Pine Snake.  
Committee on Common Names,  
1956(3): 183.
- PITUOPHIS MELANOLEUCUS  
MELANOLEUCUS (Daudin)—  
Northern Pine Snake.  
Chermock, 1955(2): 141 (Alabama)  
Perkins, 1955(3): 262 (Longevity -  
SDZ)  
Committee on Common Names,  
1956(3): 183.  
Shaw, 1957(1): 50 (Longevity - SDZ)  
Shaw, 1957(4): 310 (Longevity -  
SDZ)

## PITUOPHIS MELANOLEUCUS

## MELANOLEUCUS (continued)

- Shaw, 1958(3): 221 (Longevity - SDZ)  
 Holman, 1959(2): 100 (Pleistocene - Fla.)  
 Shaw, 1959(4): 337 (Longevity - SDZ)  
 Shaw, 1962(2): 438 (Longevity - SDZ)
- PITUOPHIS MELANOLEUCUS  
 MUGITUS Barbour—Florida  
 Pine Snake.  
 Allen & Neill, 1955(1): 64 (Fla.)  
 Committee on Common Names,  
 1956(3): 183.  
 Shaw, 1957(4): 310 (Longevity - BdZ)  
 Shaw, 1958(3): 221 (Longevity - BdZ)  
 Telford, 1959(2): 111 (Fla.)  
 Shaw, 1959(4): 337 (Longevity - BdZ)  
 Shaw, 1962(2): 438 (Longevity - BdZ)
- PITUOPHIS MELANOLEUCUS  
 RUTHVENI Stull—  
 Louisiana Pine Snake.  
 Committee on Common Names,  
 1956(3): 183.
- PITUOPHIS MELANOLEUCUS SAYI  
 (Schlegel)  
 Clarke & Marx, 1960(3): 237  
 (Electrocardiography)  
 Duellman, 1960(4): 368 (Size - Texas)
- PLACOSOMA CORDYLINUM  
 Tschudi, 1847  
 Uzzell, 1962(4): 833-834.
- PLACOSOMA CORDYLINUM CHAMP-  
 SONOTUS (Werner, 1916)  
 Uzzell, 1962(4): 833 (Brazil)
- PLACOSOMA GLABELLUM (Peters)  
 Uzzell, 1962(4): 834 (Brazil)
- PLATYDACTYLUS Gray  
 Das, 1963(1): 154 (Ductus Botalli)  
 Betz, 1963(4): 692 (Ovarian  
 morphol.)
- PLATYMANTIS Günther  
 Alcalá, 1962(4): 723.
- PLATYMANTIS MEYERI Günther,  
 1873.  
 Brown & Inger, 1964(2): 451 (Syn.)
- PLATYNOTUS Wagler  
 Etheridge, 1964(4): 630 (Skeleton)
- PLATYPLECTURUS Günther  
 Dowling, 1959(1): 47.
- PLECTROHYLA Brocchi  
 Stuart, 1957(2): 91 (Distrib. routes)  
 Duellman & Hoyt, 1961(4): 414  
 (Mexico)  
 Zweifel, 1964(1): 206 (Dentition)
- PLECTROHYLA COTZICENSIS  
 Stuart, 1948  
 Lynch, 1963(3): 567 (Ilia)  
 Duellman, 1964(2): 455 (Syn.)

## PLECTROHYLA GLANDULOSA

## (Boul.)

- Duellman, 1964(2): 455 (Comb. nov.)
- PLECTROHYLA GUATEMALENSIS  
 Brocchi  
 Starrett, 1960(4): 304.
- PLECTROHYLA MATUDAI Hartweg  
 Holman, 1963(3): 558.
- PLECTROHYLA SAGORUM Hartweg,  
 1941.  
 Starrett, 1960(4): 304.
- PLESTIODON BELLII Gray  
 Parker, 1960(4): 284 (Syn.)
- PLETHODON Tschudi—  
 Woodland Salamanders.  
 Committee on Common Names,  
 1956(3): 175.
- PLETHODON CADDONENSIS Pope &  
 Pope—Caddo Mountain  
 Salamander.  
 Committee on Common Names,  
 1956(3): 175.  
 Blair, 1957(1): 47 (Arkansas)
- PLETHODON CINEREUS (Green)  
 —Red-backed Salamander.  
 Committee on Common Names,  
 1956(3): 175.
- PLETHODON CINEREUS ANGUSTI-  
 CLAVIUS Grobman—Ozark  
 Red-backed Salamander.  
 Committee on Common Names,  
 1956(3): 175.
- PLETHODON CINEREUS CINEREUS  
 (Green)—Red-backed, or Lead-  
 backed Salamander.  
 Muchmore, 1955(3): 170 (Brassy  
 flecking)  
 Reed, 1955(3): 253 (Conn. -  
 erythistic)  
 Rabb, 1955(3): 261.  
 Highton, 1956(2): 92.  
 Committee on Common Names,  
 1956(3): 175.  
 Neill, 1957(1): 44.  
 Bleakney & Cook, 1957(2): 143  
 (Nova Scotia - erythistic)  
 Conant, 1957(2): 152 (N.J.)  
 Organ, 1958(4): 257.  
 Holman, 1958(4): 277.  
 Highton, 1959(1): 33 (Inheritance  
 of Color Phases)  
 Werner, 1959(2): 171 (Thousand  
 Isl., N. Y.)  
 Holman, 1960(1): 57 (Indiana)  
 Organ, 1960(4): 288.  
 Cook & Bleakney, 1960(4): 363  
 (New Brunswick)  
 Highton & Savage, 1961(1): 95  
 (Brooding behavior)

PLETHODON CINEREUS CINEREUS  
(continued)

- Heatwole, 1961(1): 110 (Desiccation & rehydrat. of eggs)  
 Test & Heatwole, 1962(1): 206 (Nesting sites, Mich.)  
 Musacchia & Grundhauser, 1962(3): 574.  
 Valentine & Dennis, 1964(1): 200.  
 Organ & Lowenthal, 1963(4): 659 (Spermatophore)

PLETHODON CINEREUS DORSALIS  
(Baird)

- Brode, 1957(4): 308 (Miss.)

PLETHODON CINEREUS SERRATUS  
Grobman—Ouachita Red-backed Salamander.

- Committee on Common Names, 1956(3): 175.

## PLETHODON CLEMSONAE

- Brimley, 1927  
 Schwartz, 1957(2): 94 (Var. & nat. hist.)

## PLETHODON DIXI Pope &amp; Fowler, 1949—Roanoke Salamander.

- Humphries, 1956(2): 122.  
 Committee on Common Names, 1956(3): 175.

PLETHODON DORSALIS Baird  
—Zigzag Salamander.

- Thurrow, 1955(1): 62 (Albinism - Indiana)  
 Holman, 1955(2): 143 (Indiana - fall & winter food)  
 Committee on Common Names, 1956(3): 175.  
 Neill, 1957(1): 44 (Ga.)  
 Holman, 1960(1): 57 (Indiana)  
 Ferguson, 1961(4): 392 (Miss.)

## PLETHODON DUNNI Bishop—Dunn's Salamander.

- Storm, 1955(1): 64 (Wash. & Oregon)  
 Dumas, 1955(1): 65 (Eggs - Oregon)  
 Ferguson, 1956(2): 120 (Oregon)  
 Committee on Common Names, 1956(3): 175.

## Hunsaker &amp; Johnson, 1959(4): 313 (Pigm.)

- Burns, 1962(1): 180 (Oregon)

## PLETHODON ELONGATUS

- Van Denburgh—Del Norte Salamander.

- Committee on Common Names, 1956(3): 175.

PLETHODON GLUTINOSUS Green  
—Slimy Salamander.

- Committee on Common Names, 1956(3): 175.

PLETHODON GLUTINOSUS  
(continued)

- Holman, 1958(4): 278 (Pleistocene - Fla.)  
 Holman, 1959(2): 98 (Pleistocene - Fla.)  
 Hunsaker & Johnson, 1959(4): 313 (Pigm.)  
 Gordon, 1960(1): 28.  
 Organ, 1960(1): 34 (Courtship & Spermatophore)  
 Uzzell, 1961(1): 82, 85 (Calcification)  
 Highton, 1962(3): 597 (Geographic var.)

PLETHODON GLUTINOSUS ALBAGULA  
Grobman—White-troated Slimy Salamander.

- Committee on Common Names, 1956(3): 175.

## PLETHODON GLUTINOSUS CHLOR-OBRYONIS Mittleman—Carolina Slimy Salamander.

- Committee on Common Names, 1956(3): 175.  
 Neill, 1957(1): 47.  
 Neill, 1957(2): 140.

## PLETHODON GLUTINOSUS GLUTINOSUS (Green)—Slimy Salamander.

- Martof, 1955(3): 167 (Ga.)  
 Humphries, 1956(2): 122 (Ga.)  
 Committee on Common Names, 1956(3): 175.  
 Neill, 1957(1): 46 (Ga.)  
 Schwartz, 1957(2): 98 (S. C.)  
 Neill, 1957(2): 140 (Tax.)  
 Brode, 1958(1): 48 (Miss. caves)  
 Holman, 1960(1): 57 (Indiana)  
 Organ, 1960(4): 294.  
 Anderson, 1961(2): 133.  
 Ferguson, 1961(4): 392 (Miss.)  
 Martof & Rose, 1962(4): 730.  
 Highton, 1963(2): 433 (N. H.)  
 Organ & Lowenthal, 1963(4): 659-660 (Spermatophores)  
 Salthe & Salthe, 1964(3): 575.

## PLETHODON GLUTINOSUS

- GROBMANI Allen & Neill—Florida Slimy Salamander.  
 Highton, 1956(2): 75 (life history)  
 Humphries, 1956(2): 122.  
 Committee on Common Names, 1956(3): 175.

## Neill, 1957(1): 47 (Fla. &amp; S. Ga.)

PLETHODON HULDAE Grobman  
—Shenandoah Salamander.

- Muchmore, 1955(3): 170 (Validity)  
 Rabb, 1955(3): 261 (Identity)

- PLETHODON HULDAE (continued)  
Committee on Common Names,  
1956(3): 175.
- PLETHODON JACKSONI Newman,  
1954—Blacksburg Salamander.  
Committee on Common Names,  
1956(3): 175.
- PLETHODON JORDANI Blatchley  
—Jordan's Salamander.  
Committee on Common Names,  
1956(3): 175.
- PLETHODON JORDANI CLEMSONAE  
(Brimley)—Clemson Salamander.  
Committee on Common Names,  
1956(3): 175.  
Schwartz, 1957(2): 94 (Var. & nat.  
hist.)  
Gordon, 1960(1): 26.
- PLETHODON JORDANI JORDANI  
Blatchley—Red-Cheeked  
Salamander.  
Committee on Common Names,  
1956(3): 175.  
Schwartz, 1957(2): 95 (Tax.)  
Martof & Rose, 1962(4): 730.
- PLETHODON JORDANI KENTUCKI  
Mittleman—Kentucky  
Salamander.  
Committee on Common Names,  
1956(3): 175.
- PLETHODON JORDANI MELA-  
VENTRIS (Pope & Hairston)  
—Highlands Salamander.  
Committee on Common Names,  
1956(3): 175.  
Schwartz, 1957(2): 95 (Tax.)  
Gordon, 1960(1): 26 (Young - N.C.)
- PLETHODON JORDANI METCALFI  
Brimley—Metcalf's Salamander.  
Committee on Common Names,  
1956(3): 175.  
Schwartz, 1957(2): 95 (Tax.)  
Organ, 1958(4): 251 (Courtship &  
Spermatophore)  
Hutchison, 1959(1): 72 (Aggress.  
behavior - N.C.)  
Organ, 1960(1): 35 (Courtship)  
Organ, 1960(4): 294.  
Anderson, 1961(2): 133.  
Organ & Lowenthal, 1963(4): 659-  
660. (Spermatophores)  
Salthe & Salthe, 1964(3): 575.
- PLETHODON JORDANI RABUNENSIS  
Pope & Hairston—Rabun  
Salamander.  
Committee on Common Names,  
1956(3): 175.
- PLETHODON JORDANI RABUNENSIS  
(continued)  
Schwartz, 1957(2): 95 (Tax.)  
Gordon, 1960(1): 28.
- PLETHODON JORDANI SHERMANI  
Stejneger—Red-legged  
Salamander.  
Martof & Humphries, 1955(3): 246  
(Ga.)  
Committee on Common Names,  
1956(3): 175.  
Schwartz, 1957(2): 95 (Tax.)  
Hutchison, 1959(1): 72 (Aggres.  
behavior - N.C.)  
Gordon, 1960(1): 26 (Young)
- PLETHODON JORDANI TEYAHALEE  
Hairston—Teyahalee Salamander.  
Committee on Common Names,  
1956(3): 175.  
Schwartz, 1957(2): 95 (Tax.)
- PLETHODON LARSELLI (Burns,  
1954)  
Burns, 1962(1): 177 (comb. nov. -  
Oregon)
- PLETHODON METCALFI Brimley  
Schwartz, 1957(2): 94 (Tax.)
- PLETHODON NEOMEXICANUS  
Stebbins & Riemer—Jemez  
Mountains Salamander.  
Muchmore, 1955(3): 170.  
Committee on Common Names,  
1956(3): 175.  
Burns, 1962(1): 179.
- PLETHODON NETTINGI Green—  
Cheat Mountain Salamander.  
Muchmore, 1955(3): 170.  
Committee on Common Names,  
1956(3): 175.
- PLETHODON OUACHITAE Dunn &  
Heinze—Rich Mountain  
Salamander.  
Committee on Common Names,  
1956(3): 175.  
Blair, 1957(1): 47 (Arkansas)  
Schwartz, 1957(2): 106.
- PLETHODON PERSIMILIS Gray,  
1859.  
Uzzell, 1964(2): 292 (Tax.)
- PLETHODON RICHMONDI Netting &  
Mittleman—Ravine Salamander.  
Muchmore, 1955(3): 170.  
Committee on Common Names,  
1956(3): 175.  
Wallace & Barbour, 1957(1): 48  
(Eggs & young - Ky.)
- PLETHODON SHERMANI Stejn.  
Schwartz, 1957(2): 95 (Tax.)



- PLETHODON SHERMANI MELAVEN-  
TRIS Pope & Hairston  
Schwartz, 1957(2): 95 (Tax.)
- PLETHODON VANDYKEI  
Van Denburgh—Van Dyke's  
Salamander.  
Committee on Common Names,  
1956(3): 175.
- PLETHODON VANDYKEI IDA-  
HOENSIS Slater & Slipp.—  
Coeur D'Alene Salamander.  
Muchmore, 1955(3): 170.  
Committee on Common Names,  
1956(3): 175.  
Dumas, 1957(2): 147 (Range ext.-  
Idaho)
- PLETHODON VANDYKEI LARSELLI  
Burns, 1954.—Larch  
Mountain Salamander.  
Committee on Common Names,  
1956(3): 175.  
Burns, 1962(1): 177 (Syn.)
- PLETHODON VANDYKEI VANDYKEI  
Van Denburgh—Washington  
Salamander.  
Storm, 1955(1): 64 (Oregon)  
Committee on Common Names,  
1956(3): 175.  
Burns, 1962(1): 178-179.
- PLETHODON VEHICULUM (Cooper)  
—Western Red-backed  
Salamander.  
Committee on Common Names,  
1956(3): 175.  
Burns, 1962(1): 180 (Wash.)
- PLETHODON WEHRLEI (Fowler &  
Dunn)—Wehrle's Salamander.  
Committee on Common Names,  
1956(3): 175.
- PLETHODON WELLERI Walker—  
Weller's Salamander.  
Muchmore, 1955(3): 170.  
Rabb, 1955(3): 261.  
Committee on Common Names,  
1956(3): 175.  
Organ, 1960(4): 287 (Life history)  
Organ & Lowenthal, 1963(4): 659  
(Spermatophores)
- PLETHODON WELLERI VENTROMA-  
CULATUS Thurow  
Organ, 1960(4): 292.  
Organ & Lowenthal, 1963(4): 660  
(Spermatophores)
- PLETHODON YONAHLOSSEE Dunn  
—Yonahlossee Salamander.  
Committee on Common Names,  
1956(3): 175.
- PLETHODON YONAHLOSSEE  
(continued)  
Schwartz, 1957(2): 106.  
Organ, 1960(4): 292.  
Organ & Lowenthal, 1963(4): 660  
(Spermatophores)
- PLETHODONTIDAE  
Parker & Dunn, 1964(1): 84.  
Valentine, 1964(3): 584 (Gills &  
gill slits)
- PLEURODELES Michahelles  
Valentine, 1964(3): 583 (Gills &  
gill slits)
- PLEURODELES WALTII  
Michahelles—Iberian newt.  
Liem, 1963(2): 309 (Sex reversal)
- PLEURODEMA BUFONINA Günther  
Bertini & Rathe, 1962(1): 182-183  
(Electrophoretic analysis)
- PLEURODEMA NEBULOSA  
(Burmeister)  
Bertini & Rathe, 1962(1): 182-183  
(Electrophoretic analysis)
- PLEURODEMA TUCUMANA Parker,  
1927.  
Bertini & Rathe, 1962(1): 182-183  
(Electrophoretic analysis)
- PLICAGNATHUS Cook  
Tihen & Chantell, 1963(3): 508  
(Miocene)
- PODOCNEMIS EXPANSA  
(Schweigger)  
McDowell, 1963(1): 154 (Muscles in  
region of Eustachian tube)
- POLYPEDATES Tschudi  
Myers, 1962(1): 198.
- POTAMOPHIS Fitzinger  
Zillig, 1958(2): 152 (Tax.)  
Conaway & Fleming, 1960(1): 53.
- PRASLINIA Boulenger  
Parker, 1958(2): 74.
- PRASLINIA COOPERI Boulenger  
Parker, 1958(2): 71.
- PLEURODEMA BIBRONI Tschudi  
Bertini & Rathe, 1962(1): 182-183  
(Electrophoretic analysis)
- PLICA Gray  
Etheridge, 1964(4): 630 (Skeleton)
- PLIOCERCUS DIMIDIATUS Cope,  
1865—Red & Black-ringed  
snake.  
Pough, 1964(1): 223 (Mimic coral  
snake eaten by bird)
- POLYCHRUS Cuvier  
Etheridge, 1964(4): 628.
- PRASLINIA LARVATUS (Ahl, 1934)  
Parker & Dunn, 1964(1): 75  
(Dentitional metamorphosis)

- PRASLINIA SECHELLENSIS**  
 (Boul., 1911)  
 Parker & Dunn, 1964(1): 75  
 (Dentitional metamorphosis)
- PRIONODACTYLUS CHAMPSONOTUS**  
 Werner, 1916  
 Uzzell, 1962(4): 833 (Syn. - Brazil)
- PRIONODACTYLUS VERTEBRALIS**  
 (O'Shaughn)  
 Uzzell, 1961(2): 142.
- PRISTIMANTIS** Jimenez de la  
 Espada, 1870  
 Myers, 1962(1): 197 (Tax.)
- PRISTIMANTIS GALDI** Jimenez de la  
 Espada, 1870  
 Myers, 1962(1): 197 (Type of genus)
- PRISTURUS CARTERI COLLARIS**  
 Steindachner  
 Haas & Battersby, 1959(3): 198  
 (Arabia)
- PRISTURUS CARTERI TUBERCULATUS** Parker  
 Haas & Battersby, 1959(3): 198  
 (Arabia)
- PRISTURUS FLAVIPUNCTATUS**  
 Rueppel  
 Haas & Battersby, 1959(3): 198  
 (Arabia)
- PROACRIS** Holman, 1961  
 Holman, 1961(3): 354 (Lower  
 Miocene - Fla.)
- PROACRIS MINTONI** Holman, 1961  
 Holman, 1961(3): 354 (Lower  
 Miocene - Fla.)
- PROCTOTRETUS** Gray  
 Etheridge, 1964(4): 630 (Skeleton)
- PROSTHERAPIS** Cope, 1868  
 Dunn, 1957(2): 77 (Tax.)
- PROSTHERAPIS INGUINALIS** Cope,  
 1868.  
 Dunn, 1957(2): 77 (Tax.)
- PROTEIDAE**  
 Valentine, 1964(3): 583 (Gills &  
 gill slits)
- PROTEUS** Laurenti  
 Valentine, 1964(3): 583 (Gills &  
 gill slits)
- PROSTEGE** Cope, 1871  
 McNulty & Slaughter, 1964(2): 454  
 (Upper Cret. - Texas)
- PROSTEGE EAGLEFORDENSIS**  
 Zangerl, 1953  
 McNulty & Slaughter, 1964(2): 454  
 (Upper Cret. - Texas)
- PSAMMOPHIS SCHOKARI** Forsk.  
 Haas & Battersby, 1959(3): 202  
 (Arabia)
- PSAMMOSAURUS CASPICUS** Gray  
 Schmidt, 1964(3): 548 (Cochlea)
- PSEUDACRIS** Fitzinger—  
 Chorus Frogs.  
 Committee on Common Names,  
 1956(3): 176.  
 Zweifel, 1964(1): 206 (Dentition)
- PSEUDACRIS BRACHYPHONA** (Cope)  
 —Mountain chorusfrog.  
 Schwartz, 1955(2): 138 (N.C.)  
 Martof & Humphries, 1955(3): 247  
 (Ga.)  
 Barbour, 1956(1): 54 (Tenn.)  
 Committee on Common Names,  
 1956(3): 176.  
 Neill, 1957(1): 45 (Ga.)  
 Crenshaw & Blair, 1959(3): 215.  
 Ferguson, 1961(4): 393 (Miss.)  
 Lynch, 1963(3): 567 (Ilia)
- PSEUDACRIS BRIMLEYI** Brandt &  
 Walker—Brimley's Chorus  
 Frog.  
 Committee on Common Names,  
 1956(3): 176.  
 Gosner & Rossman, 1959(3): 264.  
 Lynch, 1963(3): 567 (Ilia)
- PSEUDACRIS CLARKI** Baird—  
 Spotted Chorus Frog.  
 Jameson, 1956(1): 55 (Texas)  
 Committee on Common Names,  
 1956(3): 176.  
 Bragg, 1957(1): 37 (Color variat. -  
 tadpoles)  
 Bellis, 1957(2): 85 (Temp. on  
 breeding calls)  
 Gosner & Rossman, 1959(3): 266.  
 Hunsaker & Johnson, 1959(4): 312  
 (Pigm. testes)  
 Zweifel, 1959(4): 325 (Call)  
 Lynch, 1963(3): 567 (Ilia)
- PSEUDACRIS FERIARUM** (Baird)  
 Neill, 1957(1): 45.  
 Littlejohn, 1958(3): 223 (Ga.)
- PSEUDACRIS NIGRITA** (Le Conte)  
 —Chorus Frog.  
 Committee on Common Names,  
 1956(3): 176.  
 Gibbs, 1957(4): 311 (N. Y.)  
 Barbour, 1958(1): 49 (Ky.)  
 Littlejohn, 1958(3): 223 (Ga.)  
 Holman, 1959(2): 98.  
 Crenshaw & Blair, 1959(3): 215  
 (S. W. Ga.)  
 Hunsaker & Johnson, 1959(4): 312  
 (Integ. pigm. & testes)  
 Littlejohn, 1960(4): 371 (Calls -  
 Okla.)

**PSEUDACRIS NIGRITA (continued)**

- Holman, 1961(3): 354  
 Michand, 1962(1): 213 (Call  
 discrim.)  
 Holman, 1962(2): 256.  
 Holman, 1963(3): 558.  
 Lynch, 1963(3): 567 (Iliia)  
**PSEUDACRIS NIGRITA FERIARUM**  
 (Baird)—Upland Chorus Frog  
 Martof, 1955(3): 168 (Ga.)  
 Martof & Humphries, 1955(3): 247  
 (Ga.)  
 Committee on Common Names,  
 1956(30): 176.  
 Gosner & Black, 1957(1): 31  
 (Larval develop.)  
 Gibbs, 1957(4): 312.  
 Crenshaw & Blair, 1959(3): 215.  
 Gosner & Rossman, 1959(3): 263  
 (Reproductive cycle).

**PSEUDACRIS NIGRITA KALMI Harper**

- New Jersey Chorus Frog  
 Committee on Common Names,  
 1956(3): 176.  
 Gibbs, 1957(4): 311.  
 Gosner & Rossman, 1959(3): 263  
 (Reprod. cycle)

**PSEUDACRIS NIGRITA NIGRITA**

- (LeConte)—Southern Chorus Frog  
 Committee on Common Names,  
 1956(3): 176.  
 Crenshaw & Blair, 1959(3): 215  
 (S. W. Ga.)  
 Starrett, 1960(4): 304.  
 Lynch, 1962(2): 434 (Iliia)

**PSEUDACRIS NIGRITA SEPTENTRIONALIS (Boul.)—Boreal**

- Chorus Frog  
 Committee on Common Names,  
 1956(3): 176.

**PSEUDACRIS NIGRITA TRISERIATA**

- (Wied)—Western Chorus Frog  
 Brattstrom & Warren, 1955(3): 184.  
 Committee on Common Names,  
 1956(3): 176.  
 Olson, 1956(3): 189 (Ill.)  
 Bellis, 1957(2): 85 (Temp. on  
 breeding calls)  
 Gibbs, 1957(4): 312.  
 Werner, 1959(2): 171 (Thousand Isl.,  
 N. Y.)  
 Gosner & Rossman, 1959(3): 263.  
 Bragg, 1959(4): 341 (Response of  
 female to male call)—Okla.  
 Holman, 1960(1): 57 (Indiana)

**PSEUDACRIS NIGRITA VERRUCOSA**

- (Cope)—Florida Chorus Frog  
 Committee on Common Names,  
 1956(3): 176.  
 Crenshaw & Blair, 1959(3): 215  
 (S. W. Ga.)

**PSEUDACRIS ORNATA (Holbrook)**

- Ornate Chorus Frog  
 Committee on Common Names,  
 1956(3): 176.  
 Bellis, 1957(2): 88 (Frequency of  
 call)  
 Littlejohn, 1958(3): 223 (Ga.)  
 Holman, 1959(2): 98.  
 Hunsaker & Johnson, 1959(4):  
 312 (pigm. testes)  
 Zweifel, 1959(4): 325 (Call)  
 Holman, 1961(3): 354.  
 Holman, 1962(2): 256.  
 Lynch, 1962(2): 434 (Iliia)  
 Lynch, 1963(3): 567 (Iliia)

**PSEUDACRIS STRECKERI Wright &**

- Wright—Strecker's Chorus Frog  
 Committee on Common Names,  
 1956(3): 176.  
 Hunsaker & Johnson, 1959(4):  
 312 (Pigm. integ. & testes)  
 Zweifel, 1959(4): 325 (Call)  
 Starrett, 1960(4): 304.  
 Michand, 1962(1): 213 (Call  
 discrim.)  
 Holman, 1962(2): 256.  
 Lynch, 1962(2): 434 (Iliia)  
 Lynch, 1963(3): 567 (Iliia)

**PSEUDACRIS STRECKERI**

- ILLINOIENSIS Smith, 1951.  
 —Illinois Chorus Frog  
 Committee on Common Names,  
 1956(3): 176.

**PSEUDACRIS STRECKERI STRECKERI**

- Wright & Wright—Strecker's  
 Chorus Frog  
 Jameson, 1956(1): 56 (Texas)  
 Committee on Common Names,  
 1956(3): 176.  
 Bragg, 1957(1): 38 (Color variation—  
 tadpoles)  
 Bellis, 1957(2): 85 (Temp. on  
 breeding calls)  
 Holman, 1963(3): 558.

**PSEUDACRIS TRISERIATA**

- FERIARUM Baird  
 Littlejohn, 1960(4): 370 (Okla. -  
 Calls)

**PSEUDACRIS TRISERIATA**

- MACULATA (Agassiz)  
 Cook, 1964(1): 219 (Saskatchewan)

- PSEUDACRIS TRISERIATA TRISERIATA** (Wied)  
 Zweifel, 1959(4): 325 (Call)  
 Martof, 1960(1): 59.  
 Littlejohn, 1960(4): 370 (Call discrim.-PSEUDEMYIS FLORIDANA  
 reprod. isolation—Okla.)  
 Holman, 1961(3): 354  
 Holman, 1962(2): 256.  
 Lynch, 1962(2): 434 (Iliia)  
 Ferguson, 1963(2): 442 (Heptachlor)  
 Lynch, 1963(3): 567 (Iliia)  
 Holman, 1963(3): 558.
- PSEUDASPIS CANA** (Linn.)  
 —South African Molemake  
 Brain, 1959(1): 71 (Mating).  
 Brain, 1960(2): 155 (Hemipenis)
- PSEUDECHIS** Wagler  
 Betz, 1962(2): 284 (Effects of surgical  
 anesthesia)
- PSEUDECHIS PORPHYRITICUS** (Shaw)  
 Minton, 1957(4): 265.
- PSEUDEMYIS** Gray  
 —Cooters & Sliders  
 Committee on Common Names,  
 1956(3): 178.  
 Holman, 1958(4): 277 (Pleistocene -  
 Fla.)  
 Betz, 1962(2): 284 (Effects of surgical  
 anesthesia)
- PSEUDEMYIS CONCINNA** (LeConte)  
 Belkin, 1964(2): 321 (Heart rates)
- PSEUDEMYIS ELEGANS** (Wied)  
 Musacchia & Grundhauser,  
 1962(3): 575.  
 Akers & Damm, 1963(4): 629 (Electro-  
 cardiograph)
- PSEUDEMYIS FLORIDANA** (LeConte)  
 —Cooter  
 Committee on Common Names,  
 1956(3): 178.
- PSEUDEMYIS FLORIDANA CONCINNA**  
 (LeConte)—River Cooter  
 Committee on Common Names,  
 1965(3): 178.
- PSEUDEMYIS FLORIDANA FLORIDANA**  
 (LeConte)—Florida Cooter  
 Committee on Common Names,  
 1956(3): 178.  
 Holman, 1959(2): 100 (Pleistocene -  
 Fla.)  
 Tinkle, 1959(2): 168 (Okla.)  
 Cei & Bertini, 1961(3): 339.
- PSEUDEMYIS FLORIDANA HIRO-  
 GLYPHICA** (Holbrook)—Slider  
 Committee on Common Names,  
 1956(3): 178.
- PSEUDEMYIS FLORIDANA HOYI**  
 (Agassiz)—Missouri Slider  
 Committee on Common Names,  
 1956(3): 178.
- PSEUDEMYIS FLORIDANA**  
**MOBILENSIS** (Holbrook)  
 —Mobile Cooter  
 Committee on Common Names,  
 1956(3): 178.
- PSEUDEMYIS FLORIDANA**  
**PENINSULARIS** Carr  
 —Peninsula Cooter  
 Committee on Common Names,  
 1956(3): 178.
- PSEUDEMYIS FLORIDANA**  
**SUWANNIENSIS** Carr  
 —Suwannee Cooter  
 Cagle, 1955(4): 307 (Courtship  
 Behavior in hatchling)  
 Committee on Common Names,  
 1956(3): 178.  
 Cei & Bertini, 1961(3): 339
- PSEUDEMYIS FLORIDANA TEXANA**  
 Baur—Texas Slider  
 Committee on Common Names,  
 1956(3): 178.
- PSEUDEMYIS NELSONI** Carr  
 —Florida Red-bellied Turtle  
 Committee on Common Names,  
 1956(3): 178.  
 Holman, 1959(2): 101.
- PSEUDEMYIS RUBRIVENTRIS**  
 (LeConte)—Red-bellied Turtle  
 Committee on Common Names,  
 1956(3): 178.  
 Waters, 1962(3): 649 (Range in  
 N. E. US.)
- PSEUDEMYIS RUBRIVENTRIS BANGSI**  
 Babcock—Plymouth Turtle  
 Committee on Common Names,  
 1956(3): 178.  
 Waters, 1962(3): 649 (New Engl.  
 pop.)
- PSEUDEMYIS RUBRIVENTRIS**  
**RUBRIVENTRIS** (LeConte)  
 —Red-bellied Turtle  
 Committee on Common Names,  
 1956(3): 178.  
 Waters, 1962(3): 649 (US. -  
 southern pop.)  
 Waters, 1964(3): 552.
- PSEUDEMYIS SCRIPTA** (Schoepf)  
 —Pond Slider  
 Committee on Common Names,  
 1956(3): 178.  
 Holman, 1959(2): 101.

**PSEUDEMY'S SCRIPTA** (continued)

Boyd, Vinson & Ferguson, 1963(2):  
429 (DDT)

Conant, 1963(3): 478, 494 (Mexico)

**PSEUDEMY'S SCRIPTA ELEGANS**

(Wied)—Red-eared Turtle

Cagle, 1955(4): 307 (Courtship  
behavior in hatchlings)

Committee on Common Names,  
1956(3): 178.

Carpenter, 1957(4): 278 (Okla.)

Hutton, 1960(4): 360 (Seasonal  
changes)

Jacques & Musacchia, 1961(2):  
222 (Plasma)

Gordon & Fowler, 1961(3): 350  
(Mich.)

Miranti, Kaplan & Hirano, 1964(1):  
209 (Spermatozoa)

**PSEUDEMY'S SCRIPTA GAIGEA**

Hartweg—Big Bend Turtle

Committee on Common Names,  
1956(3): 178.

**PSEUDEMY'S SCRIPTA SCRIPTA**

(Schoepf)—Yellow-bellied Turtle

Committee on Common Names,  
1956(3): 178.

Hansen, 1957(4): 274 (Fla.)

Tinkle, 1959(2): 168 (Ala.)

Murphy, 1964(1): 221 (Eaten  
by cottonmouth)

**PSEUDEMY'S SCRIPTA TROOSTI**

(Holbrook)—Cumberland Turtle

Committee on Common Names,  
1956(3): 178.

**PSEUDIS LIMELLUM** Cope

Cei, 1955(4): 291 (Argentina)

**PSEUDIS PARADOXA** Linn

Cei, 1955(4): 291 (Argentina).

**PSEUDOBOA CORONATUS** (Schneider)

Emsley, 1963(3): 577.

**PSEUDOBOA NEUWIEDII** (Dum. & Bibr.)

Emsley, 1963(3): 577 (Tax.)

**PSEUDOBRANCHUS** Gray

—Dwarf Sirens

Committee on Common Names,  
1956(3): 175.

Valentine, 1964(3): 583 (Gills &  
Gill slits)

**PSEUDOBRANCHUS STRIATUS** (LeConte)

—Dwarf Siren

Committee on Common Names,  
1956(3): 175.

**PSEUDOBRANCHUS STRIATUS**

AXANTHUS Netting & Goin

—Narrow-striped Dwarf Siren

Committee on Common Names,  
1956(3): 175.

**PSEUDOBRANCHUS STRIATUS**

BELLI Schwartz, 1952.

—Everglades Dwarf Siren

Committee on Common Names,  
1956(3): 175.

**PSEUDOBRANCHUS STRIATUS**

LUSTRICOLUS Neill—Gulf

Hammock Dwarf Siren

Committee on Common Names,  
1956(3): 175.

**PSEUDOBRANCHUS STRIATUS**

SPHENISCUS Goin & Crenshaw,

1949. —Slender Dwarf Siren

Committee on Common Names,  
1956(3): 175.

**PSEUDOBRANCHUS STRIATUS**

STRIATUS (LeConte)—Broad-

striped Dwarf Siren

Committee on Common Names,  
1956(3): 175.

**PSEUDOBUFO** Tschudi

Tihen, 1960(3): 227.

**PSEUDOBUFO SUBASPER** Tschudi

Tihen, 1960(3): 226 (Africa)

**PSEUDOCCEMOPHORA** Auffenberg

Holman, 1964(4): 636.

**PSEUDODIPSAS FALLAX** Petters,

1860.

Peters, 1956(1): 57 (Ecuador)

**PSEUDOEURYCEA** Taylor

Walker, 1955(2): 113 (Food for  
gartersnakes)

Stuart, 1957(2): 91 (Distrib.

routes)

Salthe & Salthe, 1964(3): 575.

**PSEUDOEURYCEA BELLI** (Gray)

Martin, 1955(3): 173 (Tamaulipas,  
Mexico)

Salthe & Salthe, 1964(3): 574

(Induced courtship)

**PSEUDOEURYCEA CEPHALICA**

(Cope)

Martin, 1955(3): 173 (Tamaulipas,  
Mexico)

Uzzell, 1961(1): 85 (Calcification)

**PSEUDOEURYCEA GALEANAE**

(Taylor)

Uzzell, 1961(1): 85 (Calcifications)

**PSEUDOEURYCEA SCANDENS**

Walker, 1955.

Uzzell, 1961(1): 85 (Calcifications)

**PSEUDOPABLUDICOLA AMEGHINI**

(Cope, 1887)

Myers, 1962(1): 198.

Millstead, 1963(3): 565-566 (Brazil)

**PSEUDOPALUDICOLA FALCIPES**

(Hensel, 1867)

Cei, 1955(4): 291 (Argentina)

**PSEUDOPALUDICOLA FALCIPES**

(continued)

Myers, 1962(1): 198.

Milstead, 1963(3): 566.

**PSEUDOPALUDICOLA SALTICA**

(Cope, 1887)

Milstead, 1963(3): 565-566 (Brazil)

**PSEUDOPUS Merrem, 1820.**

Das, 1963(1): 154. (Ductus Botalli)

**PSEUDOTRITON Tschudi**

—Red Salamanders

Committee on Common Names,  
1956(3): 175.Grobman, 1959(1): 60 (Ant. cranial  
elements)Valentine, 1964(3): 583 (Gills & gill  
slits)**PSEUDOTRITON MONTANUS (Baird)**

—Mud Salamander

Committee on Common Names,  
1956(3): 175.**PSEUDOTRITON MONTANUS****DIASTICTUS Bishop**

—Midland Mud Salamander

Committee on Common Names,  
1956(3): 175.Hirschfeld & Collins, 1963(2): 438  
(Ky.)**PSEUDOTRITON MONTANUS****FLAVISSIMUS Hallowell**

—Gulf Coast Mud Salamander

Committee on Common Names,  
1956(3): 175.**PSEUDOTRITON MONTANUS****FLORIDANUS Netting & Goin**

—Rusty Mud Salamander

Committee on Common Names,  
1956(3): 175.**PSEUDOTRITON MONTANUS****MONTANUS (Baird)—Eastern  
Mud Salamander**

Martof, 1955(3): 167 (Ga.)

Committee on Common Names,  
1956(3): 175.

Neill, 1957(1): 47 (Ga.)

Neill, 1957(2): 141 (Ga.)

Conant, 1957(2): 152 (N.J.)

Conant, 1958(1): 50 (Delmarva)

Holman, 1958(4): 277.

Grobman, 1959(1): 60 (Ant. Cranial  
elements)Martof & Rose, 1962(4): 727  
(Osteology)**PSEUDOTRITON PALLEUCUS**

(McCrary)

Blair, 1961(4): 499 (Metamorphosis  
with iodine - Tenn.)**PSEUDOTRITON PORPHYRITICUS****PORPHYRITICUS Green**

Ferguson, 1961(4): 392 (Miss.)

**PSEUDOTRITON RUBER (Sonnini)**

—Red Salamander

Committee on Common Names,  
1956(3): 175.**PSEUDOTRITON RUBER NITIDUS**

Dunn—Blue Ridge Red Salamander

Committee on Common Names,  
1956(3): 175.Organ & Lowenthal, 1963(4): 660  
(Spermatophores).**PSEUDOTRITON RUBER RUBER**

(Sonnini)—Northern red

salamander

Martof, 1955(3): 167 (Ga.)

Committee on Common Names,  
1956(3): 175.

Holman, 1958(4): 277.

Grobman, 1959(1): 60 (Ant.  
cranial elements)

Ferguson, 1961(4): 392 (Miss.)

Lazell &amp; Brandon, 1962(2): 304-305.

Martof & Rose, 1962(4): 727  
(Osteology)Hirschfeld & Collins, 1963(2):  
439 (Ky.)

Valentine &amp; Dennis, 1964(1): 200.

**PSEUDOTRITON RUBER SCHENCKI**

(Brimley)—Black-chinned Red

Salamander

Committee on Common Names,  
1956(3): 175.

Neill, 1957(1): 45 (Ga.)

Schwartz, 1957(2): 98 (S.C.)

**PSEUDOTRITON RUBER VIOSCAI**

Bishop—Southern Red Salamander

Martof, 1955(3): 167.

Committee on Common Names,  
1956(3): 175.

Brode, 1958(1): 48 (Miss. caves)

Ferguson, 1961(4): 393 (Miss.)

**PSEUDOXENODON DORSALIS**

(Günther)

Marx &amp; Cochrane, 1964(2): 456.

**PSEUDOXENODON MACROPS**

(Blyth)

Marx &amp; Cochrane, 1964(2): 456.

**PTERNOHYLA Boul.**

Starrett, 1960(4): 300.

**PTERNOHYLA DENTATA Smith, 1957.**

Lynch, 1963(3): 567 (Illa).

**PTERNOHYLA FODIENS Boul.**

Starrett, 1960(4): 304.

Holman, 1963(3): 558.

Lynch, 1963(3): 567 (Illa).

Zweifel, 1964(1): 206 (Dentition)



- PTYAS MUCOSUS (Linn.)  
Underwood, 1957(1): 25.  
Shaw, 1958(3): 221 (Longevity - SIZ)  
Duellman, 1960(4): 368 (Size - Ceylon)
- PTYCHADENA Boul.  
Inger, 1962(4): 836 (Terrestrial origin - Rana)
- PTYCHOHYLA Taylor  
Duellman & Hoyt, 1961(4): 414 (Mexico)
- PTYCHOHYLA LEONHARD-SCHULTZEI Ahl.  
Zweifel, 1964(1): 207 (dentition)
- PTYCHOHYLA SCHMIDTORUM CHAMULAE Duellman, 1961.  
Zweifel, 1964(1): 207 (Dentition)
- PTYCHOHYLA SPINIPOLLEX (Schmidt) Starrett, 1960(4): 304.  
Zweifel, 1964(1): 207 (Dentition)
- PTYODACTYLUS HASSELQUISTII HASSELQUISTII Donndorff  
Hass & Battersby, 1959(3): 198 (Arabia)  
Weber, 1960(2): 153 (Iraq)
- PYGAPODIADAE  
Underwood, 1957(1): 20 (Systematics)
- PYGOPUS Merrem  
Hebard & Charipper, 1955(4): 306 (Phylogeny)  
Underwood, 1957(1): 28.
- PYGOPUS LEPIDOPUS Merrem  
Hebard & Charipper, 1955(4): 305 (Phylogeny)
- PYTHON Daudin  
Dowling, 1959(1): 41.  
Betz, 1962(2): 284 (Effects of surgical anesthesia)
- PYTHON ARGUS Dum. & Bibr.  
Underwood, 1957(1): 25.
- PYTHON CURTUS CURTUS Schlegel  
Perkins, 1955(3): 262 (Longevity - SDZ)  
Shaw, 1957(1): 50 (Longevity - SDZ)  
Shaw, 1957(4): 310 (Longevity - SDZ)  
Shaw, 1958(3): 221 (Longevity - SDZ)  
Shaw, 1959(4): 337 (Longevity - SDZ)  
Shaw, 1962(2): 438 (Longevity - SDZ)
- PYTHON MOLURUS BIVITTATUS Kuhl  
Perkins, 1955(3): 262 (Longevity - SDZ)  
Shaw, 1957(1): 50 (Longevity - SDZ)  
Shaw, 1957(4): 310 (Longevity - SDZ)  
Shaw, 1958(3): 221 (Longevity - SDZ)  
Shaw, 1959(4): 337 (Longevity - SDZ)  
Shaw, 1962(2): 438 (Longevity - SDZ)
- PYTHON MOLURUS MOLURUS Linn.  
Perkins, 1955(3): 262 (Longevity - PZ)  
Underwood, 1957(1): 24.
- PYTHON REGIUS (Shaw)  
Shaw, 1957(1): 50 (Longevity - PZ)  
Shaw, 1957(4): 310 (Longevity - PZ)  
Shaw, 1958(3): 221 (Longevity - PZ)  
Shaw, 1959(4): 337 (Longevity - PZ)  
Shaw, 1962(2): 438 (Longevity - PZ)
- PYTHON RETICULATUS Schneider  
Perkins, 1955(3): 262 (Longevity - SLZ)
- PYTHON SEBAE (Gmelin)  
Perkins, 1955(3): 262 (Longevity - PZ)  
Shaw, 1957(1): 50 (Longevity - PZ)  
Shaw, 1957(4): 310 (Longevity - PZ)  
Shaw, 1962(2): 438 (Longevity - SDZ)

## R

- RACHIODON SCABER SUBFASCIATUS Müller, 1878.  
Forcart, 1964(1): 224 (Publication date and type - Ghana)
- RACHIODON SUBFASCIATUS Dum., 1860  
Forcart, 1964(1): 224 (Syn.)
- RANA Linn.  
-True Frogs.  
Committee on Common Names, 1956(3): 176.  
Czopek, 1962(3): 586.  
Inger, 1962(4): 836 (Terrestrial Origin)
- RANA ADENOPLEURA Okada  
Alcala, 1962(4): 722 (Formosa & China)
- RANA AREOLATA Baird & Girard  
-Crayfish frog  
Committee on Common Names, 1956(3): 176 (Crawfish Frog)  
Holman, 1962(2): 257.  
Ferguson, 1963(2): 442 (Heptachlor)  
Holman, 1963(3): 558.
- RANA AREOLATA AREOLATA Baird & Girard-Southern Crayfish Frog  
Committee on Common Names, 1956(3): 176.
- RANA AREOLATA CIRCULOSA Davis & Rice-Northern Crayfish Frog  
Committee on Common Names, 1956(3): 176.
- RANA ARVALIS Nilsson  
Ruibal, 1959(4): 320 (Marine)
- RANA AURORA Baird & Girard  
-Red-legged Frog  
Snyder, 1956(1): 44.  
Committee on Common Names, 1956(3): 176.

- RANA AURORA AURORA** Baird & Girard—Northern Red-Legged Frog  
Committee on Common Names, 1956(3): 176.
- RANA AURORA CASCADAE** Slater  
—Cascades Frog  
Committee on Common Names, 1956(3): 176.
- RANA AURORA DRAYTONI** Baird & Girard—California Red-legged Frog  
Committee on Common Names, 1956(3): 176.
- RANA BOYLEI** (Baird)  
—Yellow-legged Frog  
Committee on Common Names, 1956(3): 176.  
Holman, 1962(2): 257 (boyli)  
Holman, 1963(3): 558.
- RANA BOYLEI BOYLEI** (Baird)  
—California Yellow-legged Frog  
Committee on Common Names, 1956(3): 176.
- RANA BOYLEI MUSCOSA** Camp  
—San Bernardino Yellow-legged Frog  
Committee on Common Names, 1956(3): 176.
- RANA BOYLEI SIERRAE** Camp  
—Sierra Yellow-legged Frog  
Committee on Common Names, 1956(3): 176.
- RANA CANCRIVORA CANCRIVORA** Gravenhorst  
Leviton, 1955(3): 258 (Philippine Isl.)  
Ruibal, 1959(4): 320 (Marine)  
Church, 1962(2): 268 (W. Java)  
Alcala, 1962(4): 680-681, 687 (Negros, Philip. Isl.)  
Brown & Alcala, 1963(4): 675 (Bohol, Philip. Isl.)
- RANA CANTABRIGENSIS** Cope, 1889.  
Myers, 1958(1): 46 (Mo. -status)
- RANA CAPITO** LeConte  
—Gopher Frog  
Committee on Common Names, 1956(3): 176.
- RANA CAPITO CAPITO** LeConte  
—Florida Gopher Frog  
Committee on Common Names, 1956(3): 177.  
Ruibal, 1957(3): 216.  
Telford, 1959(2): 111 (Fla.).  
Holman, 1962(2): 257.
- RANA CAPITO SEVOSA** (Netting & Goin)—Dusky Gopher Frog  
Committee on Common Names, 1956(3): 177.  
Neill, 1957(1): 47 (Ga.)
- RANA CASCADAE** Slater  
Holeman, 1963(3): 558.
- RANA CATESBEIANA** Shaw  
—Bullfrog  
Martof, 1955(3): 169 (Ga.)  
Brattstrom & Warren, 1955(3): 188.  
Jameson, 1956(1): 25.  
Willis, Moyle & Baskett, 1956(1): 30 (Mo. -Life cycle)  
Jameson, 1956(1): 55 (Longevity)  
Committee on Common Names, 1956(3): 177  
Olson, 1956(3): 189 (Ill.)  
Schwartz, 1957(2): 98 (S. C.)  
Weisel, 1958(2): 90.  
Cohen & Howard, 1958(3): 223 (Food and growth - Calif.)  
Holman, 1959(2): 99  
Werner, 1959(2): 171 (Thousand Isl., N. Y.)  
Ruibal, 1959(4): 319.  
Ruibal, 1959(4): 320 (Marine)  
Pearson, 1960(1): 50 (Six-legged)  
Pyburn, 1960(1): 55 (Miss.)  
Telford, 1960(2): 155 (Japan)  
Volpe et al, 1961(3): 341.  
Ferguson, 1961(4): 393 (Miss.)  
Holman, 1962(2): 257.  
Lanza, 1962(3): 642 & 643. (Introd. in Italy).  
Ferguson, 1963(2): 442 (Heptachlor)  
Holman, 1963(3): 558 (Procoelous)
- RANA CLAMITANS** Latreille  
—Green Frog  
Committee on Common Names, 1956(3): 177.  
Getz, 1958(3): 219 (Winter activities, tadpoles)  
Hutchison, 1959(1): 72.  
Holman, 1959(2): 99.  
Holman, 1960(1): 57 (Indiana)  
Volpe et al, 1961(3): 341.  
Holman, 1962(2): 257.
- RANA CLAMITANS CLAMITANS** Latreille—Bronze Frog  
Martof, 1955(3): 169 (Ga.)  
Brattstrom & Warren, 1955(3): 187.  
Jameson, 1956(1): 55 (Longevity)  
Thorson, 1956(4): 232 (Water loss)  
Neill, 1957(1): 47 (Ga.)  
Ruibal, 1957(3): 216.  
Jameson, 1957(3): 225.  
Hansen, 1957(4): 274 (Fla.)  
Manville, 1957(4): 309 (Mont. - Glacier Nat. Pk.)  
Volpe & Hamey, 1958(3): 197.  
Stille, 1958(3): 218 (Water absorption)  
Holman, 1963(3): 558.

- RANA CLAMITANS MELANOTA** Raf.  
 -Greenfrog  
 Committee on Common Names,  
 1956(3): 177.  
 Olson, 1956(3): 189 (Ill.)  
 Neill, 1957(1): 46 (Ga.)  
 Schwartz, 1957(2): 98 (S.C.)  
 Werner, 1959(2): 171 (Thousand Isl.,  
 N. Y.)  
 Ferguson, 1961(4): 393 (Miss.)
- RANA CYANOPHLYCTIS** Schneider  
 Ruibal, 1959(4): 320 (Marine)
- RANA CYANOPHLYCTIS EHRENBERGII**  
 Peters  
 Haas & Battersby, 1959(3): 198  
 (Arabia)
- RANA DUNNI** Zweifel  
 Zweifel, 1957(2): 78 (Mexico)
- RANA ERYTHRAEA** (Schlegel)  
 Alcalá, 1962(4): 680 (Philippine  
 Isl.)
- RANA ESCULENTA** Linn., 1758.  
 -Edible Frog  
 Thorson, 1956(4): 233.  
 Ruibal, 1959(4): 318 (Marine)  
 Lanza, 1962(3): 642 (Tax.)  
 Holman, 1963(3): 558.
- RANA EVERETTI EVERETTI** Boul.  
 Alcalá, 1962(4): 681, 690. (Negros,  
 Philip. Isl.)
- RANA FISHERI** Stejn., 1893.  
 Ruibal, 1957(3): 218.
- RANA GALAMENSIS GALAMENSIS**  
 Dum. & Bibr.  
 Loveridge, 1955(3): 257 (Gold Coast)
- RANA GODMANI** Günther, 1900.  
 Zweifel, 1964(2): 300 (Syn.)
- RANA GRAYI** Smith  
 -St. Helena Frog  
 Alcalá, 1962(4): 722 (S. Africa)
- RANA GRYLIO** Stejn.  
 -Pig Frog  
 Rosine & Brande, 1955(2): 136  
 (Anomaly in venous syst.)  
 Committee on Common Names,  
 1956(3): 177.  
 Hellman & Telford, 1956(4): 258  
 (N. Fla.)  
 Ruibal, 1957(3): 216.  
 Holman, 1959(2): 99.  
 Hunsaker & Johnson, 1959(4): 313  
 (Pigm.)  
 Holman, 1962(2): 257.  
 Holman, 1963(3): 558.
- RANA GUERROROI** Taylor, 1920.  
 Alcalá, 1962(4): 690
- RANA HECKSCHERI** Wright  
 -River Frog  
 Committee on Common Names,  
 1956(3): 177.  
 Hansen, 1957(4): 274 (Movements,  
 Area of Activity, growth -  
 Fla.)  
 Holman, 1959(2): 99.  
 Holman, 1962(2): 257.
- RANA JAPONICA** Boul.  
 Liem, 1963(2): 309. (Sex  
 reversal).
- RANA LEYTENSIS** Boettger  
 Brown & Alcalá, 1963(4): 675  
 (Bohol, Philip. Isl.)
- RANA LIMNOCHARIS** Wiegmann  
 Leviton, 1955(3): 258 (Philippine  
 Isl.)  
 Alcalá, 1962(4): 680 (Philip. Isl.)  
 Church, 1963(2): 402.
- RANA LIMNOCHORIS VITTIGERA**  
 (Günther)  
 Alcalá, 1962(4): 680 (Philip. Isl.)
- RANA MACCARTHYENSIS**  
 Andersson  
 Loveridge, 1955(3): 257 (Gold  
 Coast.)
- RANA MACRODON VISAYANUS**  
 Inger  
 Leviton, 1955(3): 258 (Philippine  
 Isl.)
- RANA MACROGLOSSA** Brocchi  
 Volpe & Harvey, 1958(3): 197.  
 Zweifel, 1964(2): 301 (Cent.  
 Amer.)
- RANA MACULATA** Brocchi  
 Zweifel, 1964(2): 301
- RANA MAGNA ACANTHI** (Taylor)  
 Alcalá, 1962(4): 694.
- RANA MAGNA MACROCEPHALA**  
 Inger  
 Alcalá, 1962(4): 680 (Philippine  
 Isl.)
- RANA MAGNA MAGNA** Stejneger  
 Brown & Alcalá, 1963(4): 675  
 Tax. - Bohol, Philip. Isl.)
- RANA MAGNA VISAYAMUS** Inger  
 Alcalá, 1962(4): 681, 693 (Negros,  
 Philip. Isl.)  
 Brown & Alcalá, 1963(4): 675  
 (Tax.)
- RANA MEGAPODA** Taylor, 1942.  
 Zweifel, 1957(2): 78 (Mexico)
- RANA MIADIS** Barbour & Loveridge,  
 1929.  
 Zweifel, 1964(2): 306 (Nicaragua-  
 Little Corn Isl.)

## RANA MICRODISCA LEYTENSIS

Boettger

Alcala, 1962(4): 681, 697, (Negros, Philip. Isl.)

## RANA MICRODISCA MICRODISCA

Boettger.

Alcala, 1962(4): 698.

## RANA MICRODISCA PALAVANENSIS

(Boul.)

Alcala, 1962(4): 698 (Borneo)

## RANA MONTEZUMAE Baird, 1854.

Zweifel, 1957(2): 78 (Mexico)

## RANA NIGROMACULATA

NIGROMACULATA Hallowell

Alexander &amp; Diener, 1958(3):

218 (Japan)

## RANA ONCA Cope

Ruibal, 1957(3): 218.

## RANA ORNATA ORNATA Peters

Loveridge, 1955(3): 257 (Gold Coast).

## RANA PALMIPES Spix, 1824

Volpe &amp; Harvey, 1958(3): 197

(Hybridization &amp; Larval devel.)

Zweifel, 1964(2): 301.

## RANA PALMIPES HOFFMANNI

Müller, 1923.

Volpe &amp; Harvey, 1958(3): 197

(Costa Rica)

## RANA PALUSTRIS LeConte

—Pickerel Frog.

Martof, 1955(3): 169 (Ga.)

Committee on Common Names,

1956(3): 177.

Olson, 1956(3): 189 (Ill.)

Gosner &amp; Black, 1957(1): 31.

Neill, 1957(1): 46 (Ga.)

Schwartz, 1957(2): 98 (S. C.)

Ruibal, 1957(3): 216.

Brode, 1958(1): 48 (Miss. caves).

Holman, 1959(2): 99.

Werner, 1959(2): 171 (Thousand Isl., N. Y.)

Hunsaker &amp; Johnson, 1959(4): 313 (Pigm.)

Holman, 1962(2): 257.

Holman, 1963(3): 558.

## RANA PIPIENS Schreber

—Leopard Frog

Committee on Common Names,

1956(3): 177.

Gilbert, 1961(2): 181, 184.

## RANA PIPIENS BERLANDIERI (Baird)

—Rio Grande Leopard Frog

Committee on Common Names,

1956(3): 177.

Bragg, 1957(1): 37 (Color variation-tadpoles)

Holman, 1962(2): 260.

## RANA PIPIENS BRACHYCEPHALA

Cope—Western Leopard Frog

Committee on Common Names,

1956(3): 177.

## RANA PIPIENS FISHERI Stejn.

—Vegas Valley Leopard Frog

Committee on Common Names,

1956(3): 177.

## RANA PIPIENS PIPIENS Schreber

—Northern Leopard Frogs.

Rosine, 1955(2): 136 (Polydactylism)

Martof &amp; Humphries, 1955(3):

247 (Ga.)

Hecht, Walters &amp; Ramm, 1955(3): 251.

Jameson, 1956(1): 55. (Longevity)

Jameson, 1956(1): 25.

Snyder, 1956(1): 45.

Kaplan &amp; Crouse, 1956(1): 52

(Resistance to disease)

Olson, 1956(3): 189 (Ill.)

Dent, 1956(4): 208.

Thorson, 1956(4): 230 (Water loss)

Gosner &amp; Black, 1957(1): 31.

Neill, 1957(1): 43.

Schwartz, 1957(2): 98(SC.)

Ruibal, 1957(3): 212 (Alt. &amp; Lat. Cline)

Weisel, 1958(2): 86 (Pituitary water retention Hormone)

Hubbs, 1958(2): 104 (Egg Complement)

Fitch, 1959(2): 151.

Volpe &amp; Harvey, 1958(3): 197.

Stille, 1958(3): 218 (Water absorption)

Holman, 1958(4): 277 (Pleistocene Fla.)

Turner, 1959(1): 86 (Skelet. var.)

Holman, 1959(2): 99.

Werner, 1959(2): 171 (Thousand Isl., N. Y.)

Gibbons &amp; Kaplan, 1959(2): 176

(Blood protein and mineral chem. - frog red leg disease)

Hunsaker &amp; Johnson, 1959(4): 312.

(Integument pigm. and testes)

Ruibal, 1959(4): 315. (Ecol. - Brackish water)

Rabb &amp; Snedigar, 1960(1): 43.

Martof, 1960(1): 59.

Rabb &amp; Rabb, 1960(4): 275.

Anderson, 1961(4): 375 (Mexico)

Ruibal, 1962(1): 189 (Ecology &amp; Genetics)

Holman, 1962(2): 257 (Pleistocene)

Miller, 1963(1): 5 (Ariz.)

**RANA PIPIENS PIPIENS**

(continued)

- Fingal & Kaplan, 1963(1): 155.  
 (Susceptibility to copper sulfate)  
 Ferguson, 1963(2): 442 (Heptachlor)  
 Holman, 1963(3): 558.  
 Wilhoft & Gosner, 1964(1): 218.  
 Zweifel, 1964(2): 301.

**RANA PIPIENS SPHENOCEPHALA**

- Cope—Southern Leopard Frog.  
 Martof, 1955(3): 169 (Ga.)  
 Committee on Common Names,  
 1956(3): 177.

- Ruibal, 1957(3): 212 (Alt. & Lat.  
 cline)

- Hansen, 1957(4): 274 (Fla.)  
 Brode, 1958(1): 48 (Miss. Caves)  
 Holman, 1960(1): 57 (Indiana).  
 Ferguson, 1961(4): 393 (Miss.)  
 Holman, 1962(2): 260.

**RANA PRETIOSA Baird & Girard**

—Spotted Frog.

- Committee on Common Names,  
 1956(3): 177.

**RANA PRETIOSA LUTEIVENTRIS**

Thompson—Great Basin  
 Spotted Frog

- Committee on Common Names,  
 1956(3): 177.

**RANA PRETIOSA PRETIOSA Baird & Girard—Western Spotted or Northwestern frog.**

- Committee on Common Names,  
 1956(3): 177.

Dumas, 1957(2): 150 (Idaho)

Manville, 1957(4): 309 (Mont. —  
 Glacier Nat. Pk.)

Turner, 1959(1): 63 (Skelet.  
 var. —Wyo.)

Ruibal, 1959(4): 320 (Marine).

Hebard & Brunson, 1963(3): 570  
 (Mont.)

Cook, 1964(1): 219 (Status—  
 Saskatchewan)

**RANA RIDIBUNDA PEREZI Sloane**

Lanza, 1962(3): 643 (S. France).

**RANA RIDIBUNDA Pallas, 1771.**

—Marshfrog

Ruibal, 1959(4): 320 (Marine).

Lanza, 1962(3): 642 (Introd. in  
 Italy).

**RANA SEPTENTRIONALIS Baird**

—Mink Frog

- Committee on Common Names,  
 1956(3): 177.

Holman, 1962(2): 257.

**RANA SEVOSA Netting & Gain**

- Hunsaker & Johnson, 1959(4):  
 313(Pigm.)

**RANA SIERRAMADRENSIS Taylor, 1939.**

Volpe & Harvey, 1958(3): 197.

**RANA SIGNATA GRANDOCULA**

Taylor

Leviton, 1955(3): 258 (Phillipine  
 Isl.)

Brown & Alcala, 1963(4): 675  
 (Bohol, Philip. Isl.)

**RANA SINLAOE Zweifel, 1954.**

Volpe & Harvey, 1958(3): 197.

**RANA SYLVATICA LeConte**

—Wood Frog

- Committee on Common Names,  
 1956(3): 177.

**RANA SYLVATICA CANTABRIGENSIS**

(Cope)—Northern Wood Frog

- Committee on Common Names,  
 1956(3): 177.

Myers, 1958(1): 46 (Status)

**RANA SYLVATICA CHEROKIANA**

Witschi, 1953. —Cherokee

Wood Frog

- Committee on Common Names,  
 1956(3): 177.

**RANA SYLVATICA SYLVATICA**

LeConte—Eastern Wood Frog

Schwartz, 1955(2): 138 (N. C.)

- Committee on Common Names,  
 1956(3): 177.

Gosner & Black, 1957(1): 33.

Schwartz, 1957(2): 98 (S. C.)

Dumas, 1957(2): 150 (Idaho)

Ruibal, 1957(3): 216.

Myers, 1958(1): 46 (SW Mo.)

Stille, 1958(3): 218 (Water  
 absorption)

Werner, 1959(2): 171 (Thousand  
 Isl., N. Y.)

Bellis, 1961(1): 74 (Growth)

Holman, 1962(2): 257.

Holman, 1963(3): 558.

Cook, 1964(1): 219 (Saskatchewan)

**RANA TARAHUMARAE Boul.**

—Tarahumara Frog

- Committee on Common Names,  
 1956(3): 177.

Hunsaker & Johnson, 1959(4):  
 313 (Pigm.)

**RANA TEMPORARIA Linn.**

McFarland, 1955(3): 191 (Lethal  
 temp.)

Weisel, 1958(2): 90.

Turner, 1959(1): 67 (Skeletal var.)

Ruibal, 1959(4): 319 (Marine)

Rabb & Rabb, 1960(4): 275.

**RANA TIGRINA Merrem**

Ruibal, 1959(4): 320 (Marine)

- RANA VIBICARIA** (Cope, 1894.)  
Zweifel, 1964(2): 300 (Distrib. & Life history).
- RANA VIRGATIPES** Cope  
—Carpenter Frog  
Committee on Common Names, 1956(3): 177.  
Gosner & Black, 1957(1): 31.  
Ruibal, 1957(3): 216.  
Conant, 1958(1): 51 (Delmarva)  
Holman, 1962(2): 257.
- RANA WARSCHEWITSCHII** (Schmidt)  
Zweifel, 1964(2): 301 (Nicaragua & Costa Rica)
- RANIDAE**  
Hunsaker & Johnson, 1959(4): 313 (Pigm. of integ.)  
Holman, 1962(2): 256.  
Alcala, 1962(4): 681 (Philip. Isl.)
- RED-LEG DISEASE**  
Gibbons & Kaplan, 1959(2): 176 (Frogs).
- REGINA RIGIDA** (Say) Baird & Girard, 1853  
Huheey, 1959(4): 303 (Syn.)
- RESTRAINING SNAKES**  
McDonald, 1964(1): 224 (For experimentation).
- RHACOPHORIDAE**  
Alcala, 1962(4): 681 (Philip. Isl.)
- RHACOPHORUS** Kuhl  
Myers, 1962(1): 198.
- RHACOPHORUS APPENDICULATUS**  
**APPENDICULATUS** (Günther)  
Leviton, 1955(3): 258 (Philippine Isl.)  
Alcala, 1962(4): 680 (Philippine Isl.)  
Holman, 1963(3): 558.  
Brown & Alcala, 1963(4): 675 (Bohol, Philip. Isl.)
- RHACOPHORUS CRUCIGER CRUCIGER** (Blyth)  
Church, 1963(2): 403.
- RHACOPHORUS CRUCIGER EQUES** (Wolf, 1936)  
Church, 1953(2): 403.
- RHACOPHORUS EQUES** Wolf, 1936.  
Church, 1963(2): 403 (Tax).
- RHACOPHORUS LEUCOMYSTAX** Boie  
Church, 1963(2): 400 (Dorsal pattern—Java)  
Holman, 1963(3): 558.
- RHACOPHORUS LEUCOMYSTAX** Gravenhorst  
Leviton, 1955(3): 258 (Philip. Isl.)
- RHACOPHORUS LEUCOMYSTAX CRUCIGER** Wolf, 1936  
Church, 1963(2): 403.
- RHACOPHORUS LEUCOMYSTAX LINKI** (Taylor)  
Alcala, 1962(4): 708. (Borneo)
- RHACOPHORUS LEUCOMYSTAX MACULATUS** Macquard, 1890.  
Church, 1963(2): 403 (Ceylon).
- RHACOPHORUS LEUCOMYSTAX QUADRILINEATUS** (Boie)  
Alcala, 1962(4): 681, 707 (Philip. Isl., Negros)  
Brown & Alcala, 1963(4): 675 (Bohol, Philip. Isl.)
- RHACOPHORUS LISSOBRACHIUS** Inger  
Brown & Alcala, 1963(4): 675 (Bohol, Philip. Isl.)
- RHACOPHORUS PARDALIS PARDALIS** Günther  
Alcala, 1962(4): 681, 711 (Philip. Isl.)  
Brown & Alcala, 1963(4): 675 (Bohol, Philip. Isl.)
- RHACOPHORUS SCHLEGELI SCHLEGELI** (Günther)  
Alexander & Diener, 1958(3): 218 (Japan).
- RHADINAEA** Cope  
—Slender Snakes  
Committee on Common Names, 1956(3): 184.
- RHADINAEA CRASSA** Smith, 1942  
Martin, 1955(3): 173 (Tamaulipas, Mexico)
- RHADINAEA FLAVILATA** (Cope)  
—Yellow lipped Snake  
Committee on Common Names, 1956(3): 184.  
Holman, 1958(4): 278 (Pleistocene - Fla.)  
Holman, 1959(2): 100 (Pleistocene - Fla.)  
White, 1960(1): 49 (N. C.)
- RHADINAEA GODMANI GODMANI** (Günther)  
Uzzell & Starrett, 1958(4): 340 (El Salvador)
- RHADINAEA GODMANI ZILCHI** (Mertens)  
Uzzell & Starrett, 1958(4): 340 (El Salvador)
- RHADINAEA HEMPSTEADAE** Uzzell & Starrett, 1958(4): 341 (Guatemala)
- RHADINAEA KINKELINI** Boett., 1898.  
Uzzell & Starrett, 1958(4): 341 (Nicaragua)
- RHADINAEA LACHRYMANS** (Cope)  
Uzzell & Starrett, 1958(4): 341 (Guatemala)



- RHADINAEA MONTECRISTI** Mertens  
Uzzell & Starrett, 1958(4): 341  
(El Salvador)
- RHADINAEA PACHYURA FULVICEPS**  
Cope, 1886.  
Dunn, 1957(2): 77 (Tax.)
- RHADINAEA PINICOLA** Mertens, 1952  
Uzzell & Starrett, 1958(4): 341  
(El Salvador)
- RHADINAEA ZILCHI** Mertens, 1952.  
Uzzell & Starrett, 1958(4): 340  
(El Salvador)
- RHINATREMA BICOLOR** (Boul.)  
Parker & Dunn, 1964(1): 76  
(Dentitional metamorphosis)
- RHINATREMA COLOMBIANUM**  
—Rendahl & Vestergren, 1938.  
Feuer, 1962(3): 636 (Scales).
- RHINEURA** Cope  
—Worm Lizards  
Committee on Common Names,  
1956(3): 180.  
Underwood, 1957(1): 28.
- RHINEURA FLORIDANA** (Baird)  
—Worm Lizard  
Telford, 1955(3): 258 (Fla.)  
Committee on Common Names,  
1956(3): 180.  
Holman, 1958(4): 278 (Pleistocene -  
Fla.).  
Holman, 1959(2): 99 (Pleistocene -  
Fla.)  
Telford, 1959(2): 111 & 113 (Fla.)
- RHINOCHILUS** Baird & Girard  
—Long-nosed Snakes  
Committee on Common Names,  
1956(3): 184.  
Cowles, 1956(4): 212 (Sidewinding)
- RHINOCHILUS LECONTEI** Baird &  
Girard—Long-nosed Snake  
Committee on Common Names,  
1956(3): 184.
- RHINOCHILUS LECONTEI CLARUS**  
Klauber—Desert Long-nosed  
Snake  
Committee on Common Names,  
1956(3): 184.
- RHINOCHILUS LECONTEI LECONTEI**  
Baird & Girard—Western Long-  
nosed Snake  
Perkins, 1955(3): 262 (longevity -  
SDZ)  
Committee on Common Names,  
1956(3): 184.  
Shaw, 1957(1): 50 (Longevity - SDZ)  
Shaw, 1957(4): 310 (Longevity - SDZ)  
Shaw, 1958(3): 221 (Longevity - SDZ)  
Shaw, 1959(4): 337 (Longevity - SDZ)  
Zweifel, 1962(4): 761.
- RHINOCHILUS LECONTEI**  
TESSELLATUS Garman  
—Texas Long-nosed Snake  
Committee on Common Names,  
1956(3): 184.
- RHINODERMA DARWINI** Günther  
Alcala, 1962(4): 722.
- RHINOPHIS** Hemprich  
Underwood, 1957(1): 27.  
Dowling, 1959(1): 47.
- RHINOPHYRINIDAE**  
Inger, 1962(4): 836 (Terrestrial  
Origin).  
Holman, 1963(4): 708.
- RHINOPHYRINUS** Dunn & Bibr.  
Sokol, 1962(2): 209 (Tadpole -  
Rhynophrynus)
- RHINOPHYRINUS CANADENSIS**  
Holman, 1963.  
Holman, 1963(4): 706 (Lower  
Oligocene, Saskatchewan).
- RHINOPHYRINUS DORSALIS** Dum. &  
Bibr.  
Holman, 1963(4): 706.  
Duellman & Klaas, 1964(2): 314.
- RHODONA ALLANAE** Longman,  
1937.  
Marx & Hosmer, 1959(3): 207.
- RHODONA BIPES** Fischer, 1882.  
Marx & Hosmer, 1959(3): 207.
- RHODONA KARLSCHMIDTI** Marx &  
Hosmer, 1959.  
Marx & Hosmer, 1959(3): 207  
(Australia)
- RHODONA LINEATA** Gray, 1839.  
Marx & Hosmer, 1959(3): 207.
- RHODONA MIOPUS** (Günther)  
Marx & Hosmer, 1959(3): 207.
- RHODONA STYLIS** Mitchell, 1955.  
Marx & Hosmer, 1959(3): 207.
- RHODONA WILKSONI** Parker, 1926.  
Marx & Hosmer, 1959(3): 207.
- RHYACOTRITON** Dunn  
—Olympic Salamanders  
Committee on Common Names,  
1956(3): 175.  
Valentine & Dennis, 1964(1): 196  
(Larvae)
- RHYACOTRITON OLYMPICUS**  
(Gage)—Olympic Salamander  
Committee on Common Names,  
1956(3): 175.  
Czopek, 1962(3): 576 (Vasculari-  
zation)  
Valentine & Dennis, 1964(1): 196  
(Larvae)

- RHYACOTRITON OLYMPICUS  
OLYMPICUS (Gaige)—Northern  
Olympic Salamander  
Committee on Common Names,  
1956(3): 175.
- RHYACOTRITON OLYMPICUS  
VARIEGATUS Stebbins & Lowe  
—Southern Olympic Salamander  
Committee on Common Names,  
1956(3): 175.
- RIOPA ANCHIETAE (Bocage)  
Schmidt, 1964(3): 548(Cochlea)

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- SALAMANDRA ATRA Laur.  
Parker & Dunn, 1964(1): 84  
(Dentition)
- SALAMANDRA AURICULATA  
Holbrook  
Valentine, 1963(1): 132. (Syn.)
- SALAMANDRA CINEREA Green  
Highton, 1959(1): 33.
- SALAMANDRA CYLINDRACEA  
Harlan  
Neill, 1957(2): 141 (Tax.)
- SALAMANDRA DORSALIS Harlan  
Neill, 1957(2): 141 (Type loc.)
- SALAMANDRA ERYTHRONOTA  
Green  
Highton, 1959(1): 33.
- SALAMANDRA FUSCA Green  
Valentine, 1963(1): 136. (Tax.)
- SALAMANDRA FUSCA Laurenti  
Valentine, 1963(1): 136. (Tax.)
- SALAMANDRA GRANULATA  
DeKay, 1842.  
Uzzell, 1964(2): 294 (Tax.)
- SALAMANDRA JEFFERSONIANA  
Green, 1827.  
Uzzell, 1964(2): 291 (Tax.)
- SALAMANDRA SALAMANDRA (Linn.)  
McFarland, 1955(3): 191 (Lethal  
temp.)  
Czopek, 1962(3): 586.  
Parker & Dunn, 1964(1): 84  
(Dentition)
- SALAMANDRA VARIOLATA Gilliams,  
1818.  
Neill, 1957(2): 140 (Type loc.)
- SALAMANDRIDAE  
Parker & Dunn, 1964(1): 84.  
Valentine, 1964(3): 583 (Gills &  
gill slits)
- SALVADORA Baird & Girard  
—Patch-nosed Snakes  
Committee on Common Names,  
1956(3): 184.
- SALVADORA GRAHAMIAE Baird &  
Girard—Mountain Patch-nosed  
Snake  
Committee on Common Names,  
1956(3): 184.  
Hunsaker & Johnson, 1959(4):  
314 (Pigm.)
- SALVADORA HEXALEPIS (Cope)  
—Western Patch-nosed Snake  
Committee on Common Names,  
1956(3): 184.
- SALVADORA HEXALEPIS  
DESERTICOLA Schmidt  
—Big Bend Patch-nosed Snake  
Committee on Common Names,  
1956(3): 184.
- SALVADORA HEXALEPIS HEXALEPIS  
(Cope)—Desert Patch-nosed  
Snake  
Committee on Common Names,  
1956(3): 184.
- SALVADORA HEXALEPIS  
MOJAVENSIS Bogert—Mojave  
Patch-nosed Snake  
Committee on Common Names,  
1956(3): 184.
- SALVADORA HEXALEPIS VIRGULTEA  
Bogert—Coast Patch-nosed  
Snake  
Committee on Common Names,  
1956(3): 184.
- SALVADORA LINEATA Schmidt  
—Texas Patch-nosed Snake  
Committee on Common Names,  
1956(3): 184.
- SANZINIA Gray  
Dowling, 1959(1): 45.
- SATOR ANGUSTUS Dickerson, 1919.  
Etheridge, 1964(4): 618 (Skeletal  
morph.)
- SATOR GRANDAEVUS Dickerson,  
1919.  
Etheridge, 1962(3): 613 (Skeletal  
var.)  
Soulé, 1963(1): 108. (Thermo-  
regulation)  
Etheridge, 1964(4): 618 (Skeletal  
morph.)
- SAUROMALUS Dum.  
—Chuckwallas  
Committee on Common Names,  
1956(3): 180.  
Norris & Dawson, 1964(4):  
638 (Adapt.)
- SAUROMALUS ATER Dumeril, 1856.  
Cliff, 1958(4): 259.
- SAUROMALUS AUSTRALIS Shaw,  
1945  
Cliff, 1958(4): 259.

- SAUROMALUS HISPIDUS Stejn.  
 -Spiny Chuckwalla  
 Cliff, 1958(4): 261.  
 Norris & Dawson, 1964(4): 638  
 (Adapt.)
- SAUROMALUS KLAUBERI Shaw,  
 1941.  
 Cliff, 1958(4): 259.
- SAUROMALUS OBESUS (Baird)  
 -Chuckwalla  
 Committee on Common Names,  
 1956(3): 180.  
 Cliff, 1958(4): 261.  
 Hunsaker & Johnson, 1959(4):  
 313 (Pigm.)  
 Lee & Badham, 1963(2): 393.  
 Schmidt, 1964(3): 548 (Cochlea)  
 Norris & Dawson, 1964(4): 638  
 (Adapt.)
- SAUROMALUS OBESUS OBESUS  
 (Baird)-Western Chuckwalla  
 Committee on Common Names,  
 1956(3): 180.
- SAUROMALUS OBESUS TUMIDUS  
 Shaw, 1945. -Arizona Chuck-  
 walla  
 Committee on Common Names,  
 1956(3): 180.
- SAUROMALUS SHAWI Cliff, 1958.  
 Cliff, 1958(4): 258 (Mexico)
- SAUROMALUS SLEVINI  
 Van Denburg  
 Cliff, 1958(4): 259.
- SAUROMALUS VARIUS Dickersen  
 Norris & Dawson, 1964(4):  
 638 (Adapt.)
- SCAPHIODONTOPHIS ANNULATUS  
 (Dum., Bibr. & Dum.)  
 Martin, 1955(3): 178.
- SCAPHIODONTOPHIS CYCLURUS  
 Taylor & Smith, 1943.  
 Martin, 1955(3): 173, 178  
 (Tamaulipas, Mexico)
- SCAPHIODONTOPHIS NOTHUS  
 Taylor & Smith, 1943.  
 Martin, 1955(3): 178.
- SCAPHIODONTOPHIS ZETEKI  
 (Dunn, 1930)  
 Martin, 1955(3): 178.
- SCAPHIOPIDAE Cope, 1866.  
 Myers & Leviton, 1962(2): 290  
 (Incorrect form)
- SCAPHIOPODIDAE  
 Myers & Leviton, 1962(2): 290.
- SCAPHIOPUS Holbrook  
 -Spadefoot Toads  
 Committee on Common Names,  
 1956(3): 177.

- SCAPHIOPUS (continued)  
 Blair, 1958(4): 334 (Response to  
 call)  
 McAlister, 1961(1): 94.  
 Holman, 1961(3): 354.  
 Myers & Leviton, 1962(2): 290.
- SCAPHIOPUS ALBUS Garman  
 Duellman, 1955(2): 141 (Tax. -  
 Key West, Fla.)
- SCAPHIOPUS ALEXANDERI  
 Zweifel  
 Tihen, 1960(2): 90 (Lower  
 Pliocene)
- SCAPHIOPUS ANTIQUUS Taylor  
 Tihen, 1960(2): 93 (Syn.)
- SCAPHIOPUS BOMBIFRONS Cope  
 -Plains Spadefoot.  
 Smith, 1955(2): 135 (pallid -  
 New Mex.)  
 Walters, 1955(3): 252 (Arizona)  
 Committee on Common Names,  
 1956(3): 177.  
 Bragg, 1957(1): 37 (Color variat. -  
 tadpoles)  
 Wasserman, 1957(2): 144  
 (Hybrids)  
 Shannon, 1957(2): 145 (Western  
 range)  
 Underhill, 1958(2): 150 (S. D.)  
 Cook, 1960(4): 363 (Saskatchewan).  
 Zweifel, 1962(4): 761.
- SCAPHIOPUS COUCHI Baird  
 -Couch's Spadefoot  
 Smith, 1955(2): 135 (Pallid -  
 New Mex.)  
 Walters, 1955(3): 252 (Ariz.)  
 Jameson, 1956(1): 55 (Longevity)  
 Committee on Common Names,  
 1956(3): 177.  
 Bragg, 1957(1): 37 (Color variat. -  
 tadpoles)  
 Wasserman, 1957(2): 144 (Hybrids)  
 Wasserman, 1963(1): 115.  
 (Hybridization)
- SCAPHIOPUS DIVERSUS Taylor, 1942.  
 Tihen, 1960(2): 89.
- SCAPHIOPUS HAMMONDI Baird  
 -Western Spadefoot  
 Committee on Common Names,  
 1956(3): 177.
- SCAPHIOPUS HAMMONDI  
 HAMMONDI Baird-Hammonds'  
 Spadefoot  
 Brattstrom & Warren, 1955(3): 187.  
 Walters, 1955(3): 252 (Arizona)  
 Committee on Common Names,  
 1956(3): 177.  
 Thorson, 1956(4): 232 (Water loss)

- SCAPHIOPUS HAMMONDI  
 HAMMONDI (continued)  
 Wasserman, 1957(2): 144 (Hybrids)  
 Shannon, 1957(2): 145 (Range)
- SCAPHIOPUS HAMMONDI  
 INTERMONTANUS Cope  
 —Great Basin Spadefoot  
 Committee on Common Names,  
 1956(3): 177.
- SCAPHIOPUS HOLBROOKI (Harlan)  
 —Eastern Spadefoot  
 Committee on Common Names,  
 1956(3): 177.
- SCAPHIOPUS HOLBROOKI ALBUS  
 Garman—Key West Spadefoot.  
 Duellman, 1955(2): 141 (Tax.)  
 Committee on Common Names,  
 1956(3): 177.
- SCAPHIOPUS HOLBROOKI  
 HOLBROOKI (Harlan)  
 —Eastern Spadefoot.  
 Martof, 1955(3): 169 (Ga.)?  
 Committee on Common Names,  
 1956(3): 177.  
 Gosner & Black, 1957(1): 31  
 Larval develop.)  
 Neill, 1957(1): 45 (Ga.)  
 Holman, 1957(3): 229 (Bullfrog  
 predation)  
 Hansen, 1957(4): 276.  
 Pearson, 1958(3): 215 (Body  
 measurements)  
 Holman, 1958(4): 277 (Pleistocene -  
 Fla.)  
 Holman, 1959(2): 98 (Pleistocene -  
 Fla.)  
 Wasserman, 1963(1): 115.  
 (Hybridization)  
 Wilhoft & Gosner, 1964(1): 217  
 (Thyroids - tadpoles)
- SCAPHIOPUS HOLBROOKII HURTERI  
 Strecker—Hurter's Spadefoot.  
 Committee on Common Names,  
 1956(3): 177.  
 Bragg, 1957(1): 38 (Color variat. -  
 tadpoles)  
 Wasserman, 1957(2): 144 (hybrids)  
 Wasserman, 1963(1): 115.  
 (Hybridization)
- SCAPHIOPUS SOLITARIUS  
 Holbrook, 1836.  
 Duellman, 1955(2): 141 (Tax.)
- SCELOPORUS Wiegmann  
 —Spiny Lizards  
 Committee on Common Names,  
 1956(3): 180.  
 Stuart, 1957(2): 91 (Distrib. routes)
- SCELOPORUS (continued)  
 Etheridge, 1958(2): 98-99.  
 Zweifel, 1961(1): 113 (Incubation  
 of eggs)  
 Dessauer et al, 1962(4): 773.  
 Lannon, 1962(2): 437 (Methods of  
 catching)  
 Collette, 1962(3): 644.  
 Schmidt, 1964(3): 545 (Cochlea).
- SCELOPORUS AENEUS AENEUS  
 Wiegmann  
 Etheridge, 1964(4): 618 (Skeletal  
 morph.)
- SCELOPORUS CARINATUS Smith,  
 1936.  
 Etheridge, 1964(4): 630 (Skeleton)
- SCELOPORUS CAUTUS Smith, 1938.  
 Etheridge, 1964(4): 618 (Skeleton  
 morph.)
- SCELOPORUS CHRYSOSTICTUS  
 Cope, 1866.  
 Duellman & Klaas, 1964(2):  
 312 (Yucatan)
- SCELOPORUS CLARKI Baird &  
 Girard—Clark's Spiny Lizard  
 Committee on Common Names,  
 1956(3): 180.
- SCELOPORUS CLARKI BOULENGERI  
 Stejn.  
 Etheridge, 1964(4): 619 (Skeletal  
 morph.)
- SCELOPORUS CLARKI CLARKI  
 Baird & Girard—Sonora Spiny  
 Lizard  
 Committee on Common Names,  
 1956(3): 180.  
 Hunsaker & Johnson, 1959(4):  
 313 (Pigm.)  
 Cole, 1963(2): 421.  
 Etheridge, 1964(4): 619 (Skeletal  
 morph.)
- SCELOPORUS CLARKI VALLARIS  
 Shannon & Urbans—Plateau  
 Spiny Lizard  
 Committee on Common Names,  
 1956(3): 180.
- SCELOPORUS COUCHII Baird  
 Etheridge, 1964(4): 619 (Skeletal  
 morph.)
- SCELOPORUS CYANOGENYS Cope  
 —Blue Spiny Lizard  
 Committee on Common Names,  
 1956(3): 180.  
 Hunsaker, 1959(3): 260 (Birth &  
 Litter size - Texas)  
 Hunsaker & Johnson, 1959(4):  
 313 (Pigm.)

## SCELOPORUS CYANOGENYS

(continued)

- Schmidt, 1964(3): 548 (Cochlea)  
Etheridge, 1964(4): 630 (Skeleton)

## SCELOPORUS DUGESI Bocourt

- Etheridge, 1964(4): 619 (Skeletal morph.)

## SCELOPORUS FORMOSUS

FORMOSUS Wiegmann

- Stuart, 1957(2): 93 (Distrib.)  
Hunsaker & Johnson, 1959(4):  
313 (Pigm.)

- Etheridge, 1964(4): 619 (Skeletal morph.)

## SCELOPORUS GRACIOSUS (Baird &amp;

Girard)—Sagebrush Lizard

- Committee on Common Names,  
1956(3): 180.

## SCELOPORUS GRACIOSUS GRACILIS

Baird &amp; Girard—Northwestern Sagebrush Lizard

- Committee on Common Names,  
1956(3): 180.

Hairston, 1957(4): 263.

- Etheridge, 1964(4): 619 (Skeletal morph.)

## SCELOPORUS GRACIOSUS GRACIOSUS

(Baird &amp; Girard)—Great Basin Sagebrush Lizard

- Committee on Common Names,  
1956(3): 180.

Eakin, 1957(2): 148 (Noosing)

- Hunsaker & Johnson, 1959(4):  
313 (Pigm.)

Mayhew, 1963(1): 146. (Reproduction)

## SCELOPORUS GRACIOSUS

VANDENBURGIANUS Cope

—Southern Sagebrush Lizard

- Committee on Common Names,  
1956(3): 180.

- Etheridge, 1964(4): 619 (Skeletal morph.)

## SCELOPORUS GRAMMICUS

Wiegmann—Mesquite Lizard

- Committee on Common Names,  
1956(3): 180.

- Anderson & Wilhoft, 1959(1):  
59 (Mex.)

- Hunsaker & Johnson, 1959(4):  
313 (Pigm.)

Gehlbach &amp; Baker, 1962(2): 299

- Mayhew, 1963(1): 146. (Reproduction)

Cole, 1963(2): 421.

## SCELOPORUS GRAMMICUS

DISPARILIS (Stejn.)

—Mesquite Lizard

- Committee on Common Names,  
1956(3): 180.

Lee &amp; Badham, 1963(2): 394.

- Etheridge, 1964(4): 619 (Skeletal morph.)

## SCELOPORUS GRAMMICUS

MICROLEPIDOTUS Wiegmann

- Etheridge, 1964(4): 619  
(Skeletal morph.)

## SCELOPORUS HORRIDUS

ALBIVENTRIS Smith, 1939.

- Etheridge, 1964(4): 630 (Skeleton)

## SCELOPORUS HORRIDUS HORRIDUS

Wiegmann

- Etheridge, 1964(4): 630 (Skeleton)

## SCELOPORUS HORRIDUS

OLIGOPORUS Cope

- Duellman, 1958(1): 49 (Mex.)

- Etheridge, 1964(4): 619  
(Skeletal morph.)

## SCELOPORUS JARROVI Cope

—Yarrow's Spiny Lizard

- Committee on Common Names,  
1956(3): 180.

## SCELOPORUS JARROVI JARROVI

Cope—Yarrow's Spiny Lizard  
Martin, 1955(3): 173 (Tamaulipas, Mexico)

- Committee on Common Names,  
1956(3): 180.

Anderson &amp; Wilhoft, 1959(1):

59 (Mexico)

- Hunsaker & Johnson, 1959(4):  
313 (Pigm.)

Cole, 1963(2): 421

- Etheridge, 1964(4): 619 (Skeletal morph.)

## SCELOPORUS MAGISTER

Hallowell—Desert Spiny Lizard

- Committee on Common Names,  
1956(3): 180.

## SCELOPORUS MAGISTER

BIMACULOSUS Phelan &amp;

Brattstrom, 1955—Twin-

spotted Spiny Lizard

- Committee on Common Names,  
1956(3): 180.

## SCELOPORUS MAGISTER

MAGISTER Hallowell—Desert

Spiny Lizard

- Committee on Common Names,  
1956(3): 180.

## SCELOPORUS MAGISTER

MAGISTER (continued)

Hunsaker & Johnson, 1959(4): 313  
(Pigm.)

Lee &amp; Badham, 1963(2): 393.

Etheridge, 1964(4): 615, 619

(Skeletal morph.)

## SCELOPORUS MAGISTER

RUFIDORSUM Yarrow

Etheridge, 1964(4): 630 (Skeleton)

## SCELOPORUS MAGISTER

TRANSVERSUS Phelan &amp;

Brattstrom—Barred Spiny Lizard

Committee on Common Names,

1956(3): 180.

## SCELOPORUS MAGISTER UNIFORMIS

Phelan &amp; Brattstrom, 1955

—Yellow-backed Spiny Lizard

Committee on Common Names,

1956(3): 180.

Etheridge, 1964(4): 619 (Skeletal  
morph.)

## SCELOPORUS MAGISTER

ZOSTEROMUS Cope

Shaw, 1962(3): 644 (Baja Calif.,  
Mex.)

## SCELOPORUS MALACHITICUS

LUNAEI (Bocourt)

Etheridge, 1964(4): 619 (Skeletal  
morph.)

## SCELOPORUS MALACHITICUS

MALACHITICUS (Cope)

Etheridge, 1964(4): 619 (Skeletal  
morph.)

## SCELOPORUS MEGALEPIDURUS

Smith, 1934.

Etheridge, 1964(4): 619 (Skeletal  
morph.)

## SCELOPORUS MELANORHINUS

CALLIGASTER Smith, 1942.

Duellman, 1958(1): 49 (Mexico)

## SCELOPORUS MELANORHINUS

MELANORHINUS Bocourt

Etheridge, 1964(4): 619  
(Skeletal morph.)

## SCELOPORUS MELANORHINUS

STUARTI Smith, 1948.

Etheridge, 1964(4): 619 (Skeletal  
morph.)

## SCELOPORUS MERRIAMI Stejn, 1904.

—Canyon Lizard

Committee on Common Names,  
1956(3): 180.

## SCELOPORUS MERRIAMI ANNULATUS

Smith, 1937—Big Bend Canyon

Lizard

Committee on Common Names,  
1956(3): 180.

## SCELOPORUS MERRIAMI MERRIAM

—Merriam's Canyon Lizard

Committee on Common Names,  
1956(3): 180.

Gehlbach &amp; Baker, 1962(2): 299.

Carpenter, 1963(2): 412.

Etheridge, 1964(4): 611, 619

(Skeletal morph.)

## SCELOPORUS MUCHRONATUS Cope

Hunsaker &amp; Johnson, 1959(4):

313 (Pigm.)

Etheridge, 1964(4): 631 (Skeleton)

## SCELOPORUS NELSONI Cochran

Etheridge, 1964(4): 631 (Skeleton)

## SCELOPORUS OCCIDENTALIS

(Baird &amp; Girard)—Western

Fence Lizard

Committee on Common Names,  
1956(3): 180.

## SCELOPORUS OCCIDENTALIS BECKI

VanDenburgh—Island Fence  
LizardCommittee on Common Names,  
1956(3): 180.

## SCELOPORUS OCCIDENTALIS

BISERIATUS Hallowell

—San Joaquin Fence Lizard

Committee on Common Names,  
1956(3): 180.

Etheridge, 1964(4): 631 (Skeleton)

## SCELOPORUS OCCIDENTALIS

BOCOURTI Boul.—Coast

Range Fence Lizard

Committee on Common Names,  
1956(3): 180.

## SCELOPORUS OCCIDENTALIS

LONGIPES Baird—Great  
Basin Fence LizardCommittee on Common Names,  
1956(3): 180.

## SCELOPORUS OCCIDENTALIS

OCCIDENTALIS (Baird &amp;

Girard)—Northwestern Fence  
Lizard

Brattstrom, 1955(2): 139

(Pleistocene - Calif.)

Committee on Common Names,  
1956(3): 180.

Eakin, 1957(2): 148 (Noosing)

Stebbins, 1958(3): 183 (Third eye)

Wilhoft, 1958(4): 265 (Temp.  
effect)Hunsaker & Johnson, 1959(4):  
313 (Pigm.)Stebbins, 1960(4): 276 (Effects of  
pinelectomy)Mullen, 1962(2): 269 (Effect of Ca  
on Electrocardiogram)



**SCELOPORUS OCCIDENTALIS**

OCCIDENTALIS (continued)

Mayhew, 1963(1): 146.

(Reproduction)

Stebbins, 1963(4): 681.

LaPointe, 1964(2): 451 (Induction of oviposition)

Etheridge, 1964(4): 613, 619

(Skeletal morph.)

**SCELOPORUS OCCIDENTALIS**

TAYLORI (Camp)

—Sierra Fence Lizard

Committee on Common Names,  
1956(3): 180.**SCELOPORUS OLIVACEUS** Smith

—Texas Spiny Lizard

Committee on Common Names,  
1956(3): 180.Hunsaker & Johnson, 1959(4):  
313 (Pigm.)

Gehlback &amp; Baker, 1962(2): 299.

Mayhew, 1963(1): 146.

(Reproduction)

Etheridge, 1964(4): 619 (Skeletal morph.)

**SCELOPORUS ORCUTTI** Stejn.

—Granite Spiny Lizard

Committee on Common Names,  
1956(3): 180.**SCELOPORUS ORCUTTI LICKI**

VanDenburgh

Etheridge, 1964(4): 619 (Skeletal morph.)

**SCELOPORUS ORCUTTI ORCUTTI**

Stejn. —Granite Spiny Lizard

Committee on Common Names,  
1956(3): 180.

Eakin, 1957(2): 148 (Noosing)

Soulé, 1963(1): 108 (Thermo-regulation)

Mayhew, 1963(1): 144. (Reproduction)

Etheridge, 1964(4): 619 (Skeletal morph.)

**SCELOPORUS ORNATUS** Baird, 1859.Hunsaker & Johnson, 1959(4):  
313 (Pigm.)

Etheridge, 1964(4): 619 (Skeletal morph.)

**SCELOPORUS PARVUS** Smith, 1934.

Martin, 1955(3): 173

(Tamaulipas, Mexico)

Etheridge, 1964(4): 619 (Skeletal morph.)

**SCELOPORUS POINSETTI** Baird &

Girard—Crevice Spiny Lizard

Committee on Common Names,  
1956(3): 180.**SCELOPORUS POINSETTI**

(continued)

Hunsaker, 1959(3): 261.

Hunsaker & Johnson, 1959(4):  
313 (Pigm.)

Gehlback &amp; Baker, 1962(2): 299.

Zweifel, 1962(4): 761.

Mayhew, 1963(1): 146.

(Reproduction)

Cole, 1963(2): 421.

Etheridge, 1964(4): 615, 619

(Skeletal morph.)

**SCELOPORUS PREZYGUS** Smith,  
1942.

Etheridge, 1964(4): 619

(Skeletal morph.)

**SCELOPORUS PYROCEPHALUS**

Cope, 1864.

Duellman, 1958(1): 49 (Mexico)

Etheridge, 1964(4): 619

(Skeletal morph.)

**SCELOPORUS SCALARIS SCALARIS**

Wiegmann—Bunch grass

Lizard

Martin, 1955(3): 173

(Tamaulipas, Mexico)

Committee on Common Names,  
1956(3): 180.

Axtell &amp; Sabath, 1963(1): 164

(Mexico)

Cole, 1963(2): 421.

Etheridge, 1964(4): 619

(Skeletal morph.)

**SCELOPORUS SCALARIS SLEVINI**

Smith, 1937—Bunch grass

Lizard

Committee on Common Names,  
1956(3): 180.

Cole, 1963(2): 416 (Embryos)

Etheridge, 1964(4): 630 (Skeleton)

**SCELOPORUS SINIFERUS**

SINIFERUS Cope, 1869.

Stuart, 1957(2): 93 (Distrib.)

Etheridge, 1964(4): 615, 619

(Skeletal morph.)

**SCELOPORUS SPINOSUS SPINOSUS**

Wiegmann

Etheridge, 1964(4): 619 (Skeletal morph.)

**SCELOPORUS SQUAMOSUS**

Bocourt

Etheridge, 1964(4): 615, 631

(Skeleton)

**SCELOPORUS TEAPENSIS** Günther

Stuart, 1957(2): 92 (Distrib.)

## SCELOPORUS TORQUATUS

- TORQUATUS Wiegmann  
 Martin, 1955(3): 173 (Tamaulipas,  
 Mexico)  
 Etheridge, 1964(4): 619 (Skeletal  
 morph.)

## SCELOPORUS UNDULATUS (Latreille)

- Eastern Fence Lizard  
 Committee on Common Names,  
 1956(3): 180.

## SCELOPORUS UNDULATUS

- CONSOBRINUS (Baird & Girard,  
 1853). —Southern Prairie Lizard  
 Smith, 1955(2): 135 (pallid - New  
 Mex.)  
 Committee on Common Names,  
 1956(3): 180.

Cole, 1963(2): 413.

Etheridge, 1964(4): 619 (Skeletal  
 morph.)

## SCELOPORUS UNDULATUS ELONGA-

TUS Stejn. —Northern Plateau  
 Lizard

Committee on Common Names,  
 1956(3): 180.

## SCELOPORUS UNDULATUS

ERYTHROCHEILUS Maslin,  
 1956.

Taylor & Walker, 1964(2): 457  
 (Re-evaluation - Sexual differ.)

## SCELOPORUS UNDULATUS GARMANI

Boul. —Northern Prairie Lizard  
 Committee on Common Names,  
 1956(3): 180.

## SCELOPORUS UNDULATUS

HYACINTHINUS (Green)  
 —Northern Fence Lizard  
 Triplehorn, 1955(3): 249 (Ohio -  
 young)

Committee on Common Names,  
 1956(3): 180.

Holman, 1960(1): 58 (Indiana)  
 Ferguson, 1961(4): 393 (Miss.)

Etheridge, 1964(4): 619 (Skeletal  
 morph.)

## SCELOPORUS UNDULATUS

TRISTICHUS Cope—Southern  
 Plateau Lizard

Committee on Common Names,  
 1956(3): 180.

Cole, 1963(2): 418

## SCELOPORUS UNDULATUS

UNDULATUS (Latr.)  
 —Southern Fence Lizard

Hebard & Charipper, 1955(4): 306  
 (Phylogeny)

Committee on Common Names,  
 1956(3): 180.

## SCELOPORUS UNDULATUS

UNDULATUS (continued)

Etheridge, 1958(2): 100 (Kansas)

Stebbins, 1958(3): 183 (Third eye)

Wilhoft, 1958(4): 268.

Hunsaker & Johnson, 1959(4):

313 (Pigm.)

Gehlbach & Baker, 1962(2): 299.

Mayhew, 1963(1): 146

(Reproduction)

Ferguson, 1963(2): 442 (Heptach-  
 lor)

Etheridge, 1964(4): 631 (Skeleton)

## SCELOPORUS UNDULATUS

VIRGATUS Smith, 1938.

—Striped Plateau Lizard

Committee on Common Names,  
 1956(3): 180.

Stebbins, 1960(4): 276 (Ariz.)

Cole, 1963(2): 413 (Distrib.,

Variat. & Tax.)

## SCELOPORUS UTFORMIS

Cope, 1864.

Etheridge, 1964(4): 631 (Skeleton)

## SCELOPORUS VARIABILIS

Wiegmann—Rose-bellied

Lizard

Committee on Common Names,  
 1956(3): 180.

## SCELOPORUS VARIABILIS

MARMORATUS Hallowell

—Texas Rose-bellied Lizard

Committee on Common Names,  
 1956(3): 180.

## SCELOPORUS VARIABILIS

OLLOPORUS Smith, 1937.

Etheridge, 1964(4): 631 (Skeleton)

## SCELOPORUS VARIABILIS

VARIABILIS Wiegmann

—Rose-bellied Lizard.

Stuart, 1957(2): 93 (Distrib.)

Hunsaker & Johnson, 1959(4):

313 (Pigm.)

Gehlbach & Baker, 1962(2): 299.

Etheridge, 1964(4): 619 (Skeletal  
 morph.)

## SCELOPORUS VIRGATUS (Smith,

1938). —Striped Plateau Lizard

Cole, 1963(2): 413 (Tax. -  
 new comb.)

Stebbins, 1963(4): 681 (Parietal  
 eye)

Etheridge, 1964(4): 619 (Skeletal  
 morph.)

## SCELOPORUS WOODI Stejn.

—Florida Scrub Lizard

Committee on Common Names,  
 1956(3): 180.

**SCELOPORUS WOODI** (continued)  
Telford, 1959(2): 111-112. (Fla.)  
Hunsaker & Johnson, 1959(4):  
313 (Pigm.)

Etheridge, 1964(4): 619 (Skeleton  
morph.)

**SCHMIDT, KARL PATTERSON**  
(1890-1957)

Davis, 1959(3): 189.

Peters, 1959(3): 192 (Biblio. &  
Index to Schmidt's Coral  
Snakes).

**SCHISTOMELOPUM THOMENSE**  
(Bocage)

Parker & Dunn, 1964(1): 77  
(Dentitional metamorphosis)

**SCINACODES** Fitzinger, 1843.

Myers, 1962(1): 196 (Tax.)

**SCINCELLA** Mittleman

Zweifel, 1961(1): 113 (Incubation  
of eggs)

**SCINCIDAE**

Underwood, 1957(1): 29.

Schmidt, 1964(3): 545 (Cochlea)

**SCINCUS (ARENATIUS) MITRANUS**  
Anderson

Haas & Battersby, 1959(3): 202  
(Arabia)

**SCOLECOMORPHUS ULUGURUENSIS**

Barbour & Loveridge, 1928.

Parker & Dunn, 1964(1): 78

(Dentitional Metamorphosis)

**SCUTIGER** Theobald, 1868

Myers & Leviton, 1962(2): 287,  
289 (Asia - Classif.)

**SCUTIGER ALTICOLA** (Proctor)

Myers & Leviton, 1962(2):  
288, 290.

**SCUTIGER GLANDULATUS** (Liu)

Myers & Leviton, 1962(2): 290.

**SCUTIGER MACULATUS** (Liu)

Myers & Leviton, 1962(2): 290.

**SCUTIGER MAMMATUS** (Günther)

Myers & Leviton, 1962(2): 290  
(Comb. Nov.)

**SCUTIGER PINGHI** Liu, 1951.

Myers & Leviton, 1962(2): 287,  
289 (Type of Oreolalax)

**SCUTIGER SIKKIMENSIS** (Blyth)

Myers & Leviton, 1962(2): 287  
(Asia)

**SCUTIGER TAININGENSIS** (Liu)

Myers & Leviton, 1962(2): 290.

**SCYTOPIUS ALLENI** Cope, 1869.

Goin, 1959(4): 340 (Syn.)

**SEMINATRIX** Cope

—Black Swamp Snakes

Committee on Common Names,  
1956(3): 184.

**SEMINATRIX PYGAEA** (Cope)

—Black Swamp Snake

Committee on Common Names,  
1956(3): 184.

**SEMINATRIX PYGAEA CYCLAS**

Dowling, 1950. —South Florida  
Swamp Snake

Committee on Common Names,  
1956(3): 184.

**SEMINATRIX PYGAEA PALUDIS**

Dowling, 1950. —Carolina  
Swamp Snake

Committee on Common Names,  
1956(3): 184.

**SEMINATRIX PYGAEA PYGAEA**

(Cope) —North Florida

Swamp Snake

Committee on Common Names,  
1956(3): 184.

Hellman & Telford, 1956(4):

258 (N. Fla.)

Hollman & Hill, 1961(4): 499

(Mass Movement - Fla.)

Holman, 1962(2): 258.

**SERPENTES**

Dowling, 1959(1): 38

(Classification)

**SHINISAURUS** Ahl, 1930.

Underwood, 1957(1): 20

**SIAPHOS EQUALIS** Gray

—Rain Forest Skink

Bustard, 1964(4): 715 (Australia)

**SIBON DUNNI** Peters

Peters, 1957(2): 110 (Ecuador)

**SIBON NEBULATUS** (Linn.)

Peters, 1957(2): 111.

**SIBON SANIOLA** (Cope)

Peters, 1957(2): 111.

**SIBYNOPHIS** Fitzinger

Underwood, 1957(1): 24.

**SIDEWINDING LOCOMOTION**

Cowles, 1956(4): 211 (In snakes)

**SIPHLOPHIS** Fitzinger

Downs, 1961(4): 383.

**SIPHLOPHIS CERVINUS** Fitzinger.

Downs, 1961(4): 385.

**SIPHONOPS ANNULATUS** (Mikan)

Gans, 1961(4): 491 (Egg - care)

**SIPHONOPS PAULENSIS** Boettger

Gans, 1961(4): 490 (Egg-laying -  
Paraguay)

**SIREN** Linn.

—Sirens

Committee on Common Names,  
1956(3): 175.

Valentine, 1964(3): 583 (Gills &  
gill slits)

**SIREN DUNNI** Goin & Auffenberg

Goin & Auffenberg, 1957(2): 83  
(Eocene - Wyo.)

## SIREN HESTERNA

Goin & Auffenberg, 1957(2): 83  
(Lower Miocene, Fla.)

## SIREN INTERMEDIA LeConte

—Lesser Siren

Committee on Common Names,  
1956(3): 175.

Hunsaker & Johnson, 1959(4):  
313 (Pigm.)

Czopek, 1962(3): 576  
(Vascularization)

## SIREN INTERMEDIA INTERMEDIA

LeConte—Eastern Lesser  
Siren

Committee on Common Names,  
1956(3): 175.

## SIREN INTERMEDIA NETTINGI Goin

—Western Lesser Siren

Committee on Common Names,  
1956(3): 175.

Williams, 1961(3): 355 (Mich.)

## SIREN LACERTINA Linn.

—Greater Siren

Burch & Wood, 1955(3): 255  
(Feeding on clams & snails-  
Va.)

Committee on Common Names,  
1956(3): 175.

Czopek, 1962(3): 577  
(Vascularization)

## SIREN SIMPSONI

Goin & Auffenberg, 1957(2): 83  
(Pliocene, Fla.)

## SIRENIDAE

Parker & Dunn, 1964(1): 84.

## SISTRURUS Garman

—Pigmy Rattlers and  
Massasaugas

Committee on Common Names,  
1956(3): 184.

## SISTRURUS CATENATUS (Raf.)

—Massasauga

Committee on Common Names,  
1956(3): 184.

## SISTRURUS CATENATUS CATENATUS

(Raf.)—Eastern Massasauga  
Triplehorn, 1955(3): 249

(Ohio - young)

Perkins, 1955(3): 262 (Longevity-  
TC)

Committee on Common Names,  
1956(3): 184.

Zweifel, 1962(4): 761.

## SISTRURUS CATENATUS TERGEMINUS

Say—Western Massasauga

Woodburne, 1956(2): 125

(W. Kans. & N.W. Okla.)

Committee on Common Names,  
1956(3): 184.

## SISTRURUS MILLARIUS (Linn.)

—Pigmy Rattlesnake

Committee on Common Names,  
1956(3): 184.

Holman, 1959(2): 100.

(Pleistocene, Fla.)

## SISTRURUS MILLARIUS BARBOURI

Gloyd—Dusky Pigmy Rattlesnake

Committee on Common Names,  
1956(3): 184.

Telford, 1959(2): 111 (Fla.)

## SISTRURUS MILLARIUS MILLARIUS

(Linn.)—Carolina Pigmy  
Rattlesnake

Committee on Common Names,  
1956(3): 184.

## SISTRURUS MILLARIUS STRECKERI

Gloyd—Western Pigmy  
Rattlesnake

Committee on Common Names,  
1956(3): 184.

Ferguson, 1961(4): 394 (Miss.)

Clark, Jr., 1963(1): 157.

(Variation & Sexual dimorphism)

## SMILISCA Cope, 1865.

Starrett, 1960(4): 300 (Tax. -  
redefinition)

Duellman & Klaas, 1964(2): 311.

## SMILISCA BAUDINI (Dunn. &amp; Bibr.)

Starrett, 1960(4): 300 (Tax. -  
Texas to CR)

Holman, 1962(2): 256.

Holman, 1963(3): 558.

Lynch, 1963(3): 567 (Ilia)

## SMILISCA GABBI (Cope)

Starrett, 1960(4): 303.

(Costa Rica & Panama)

## SMILISCA PHAEOTA (Cope)

Starrett, 1960(4): 302 (Tax. -  
S. Mex. to N. S. A.)

## SMILISCA WELLMANORUM (Taylor)

Starrett, 1960(4): 303 (Costa Rica)

## SONORA Baird &amp; Girard

—Ground Snakes

Committee on Common Names,  
1956(3): 184.

## SONORA EPISCOPA (Kennicott)

—Ground Snake

Committee on Common Names,  
1956(3): 184.

## SONORA EPISCOPA EPISCOPA

(Kennicott)—Great Plains  
Ground Snake

Committee on Common Names,  
1956(3): 184.

## SONORA EPISCOPA TAYLORI (Boul.)

—South Texas Ground Snake

Committee on Common Names,  
1956(3): 184.

- SONORA MOSAUERI Stickel  
Shaw, 1962(3): 644 (Baja  
Calif., Mex.)
- SONORA SEMIANNULATA  
Baird & Girard  
—Western Ground Snake  
Committee on Common Names,  
1956(3): 184.
- SONORA SEMIANNULATA  
BLANCHARDI Stickel  
—Trans-Pecos Ground Snake  
Committee on Common Names,  
1956(3): 184.
- SISTRURUS CATENATUS EDWARDSI  
(Baird & Girard)  
—Desert Massasauga  
Committee on Common Names,  
1956(3): 184.
- SONORA SEMIANNULATA GLOYDI  
Stickel—Grand Canyon  
Ground Snake  
Committee on Common Names,  
1956(3): 184.
- SONORA SEMIANNULATA ISOZONA  
(Cope)—Great Basin Ground  
Snake  
Committee on Common Names,  
1956(3): 184.
- SONORA SEMIANNULATA LINEARIS  
Stickel—Vermillion-lined  
Ground Snake  
Committee on Common Names,  
1956(3): 184.  
Staedeli, 1964(3): 581  
(Eggs & young - Calif.)
- SONORA SEMIANNULATA  
SEMIANNULATA Baird & Girard  
—Santa Rita Ground Snake  
Committee on Common Names,  
1956(3): 184.
- SOOGLOSSUS Boul.  
Alcala, 1962(4): 722.
- SPEA ALEXANDERI Zweifel  
Tihen, 1960(2): 93  
(Lower Pliocene—Nevada)
- SPEA BOMBIFRONS Cope  
Tihen, 1960(2): 93 (Kansas).
- SPEA DIVERSUS Taylor  
Tihen, 1960(2): 93  
(Upper Pliocene - Kansas).
- SPEA PLIOBATRACHUS Taylor  
Tihen, 1960(2): 93  
(Mid Pliocene - Kansas).
- SPEA STUDERI Taylor  
Tihen, 1960(2): 93 (Mid  
Pliocene - Kansas)
- SPELERPES Raf., 1832  
Uzzell, 1961(1): 82.
- SPELERPES FUSCUS (Gray)  
Organ & Lowenthal, 1963(4):  
659 (Spermatophores)
- SPELERPES LONGICANDUS (Green)  
Neill, 1957(1): 45 (Syn.)
- SPELERPES PALMATUS Werner, 1897.  
Brame & Wake, 1962(1): 173 (Syn.)
- SPELERPES RUBER STICTICEPS  
Baird, in Cope, 1869.  
Neill, 1957(2): 141 (Ga. - type loc.)
- SPELERPES SULCATUM Brocchi,  
1883.  
Wake & Brame, 1963(2): 386.
- SPHAENOHYLA Lutz & Lutz, 1938.  
(Sphoenohyla)  
Starrett, 1960(4): 300.
- SPHAENOHYLA PLANICOLA  
Lutz & Lutz, 1938.  
Starrett, 1960(4): 304.
- SPHAERODACTYLUS Wagler  
—Dwarf Geckos  
Committee on Common Names,  
1956(3): 180.
- SPHAERODACTYLUS ARGUS ARGUS  
(Gosse)—Ocellated Gecko  
Committee on Common Names,  
1956(3): 180.
- SPHAERODACTYLUS CINEREUS  
Wagler—Ashy Gecko  
Hebard & Charipper, 1955(4): 305  
(Phylogeny)  
Committee on Common Names,  
1956(3): 180.  
Collette, 1962(3): 644 (Cuba—  
Arboreality, lamellae &  
body size).  
Schmidt, 1964(3): 545 (Cochlea)
- SPHAERODACTYLUS NOTATUS  
Baird—Reef Gecko  
Committee on Common Names,  
1956(3): 180.  
Collette, 1962(3): 644 (Cuba -  
Arboreality, lamellae &  
body size).
- SPHAERODACTYLUS SPUTATOR  
Boul.  
Lazell, 1964(4): 717 (Sombrero,  
W.I.)
- SPHENODON Boul.  
Underwood, 1957(1): 22  
Das, 1963(1): 155 (Dactus Botalli)
- SPHENODON PUNCTATUM Gray  
—Tuatara  
Stebbins, 1958(3): 183-184  
(Third eye)  
Hunsaker & Johnson, 1959(4):  
313 (Pigm.)  
Ostrom, 1962(4): 732 (Cranial  
Muscles)
- SPHENOMORPHUS LESUEURII  
Dum. & Bibr.  
Dixon & Kluge, 1964(1): 180  
(Australia)

- SPHENOMORPHUS TRYONI**  
Longman, 1918.  
—Rain Forest Skink  
Bustard, 1964(4): 715  
(Australia).
- SPILOTES** Wagler  
Dowling, 1958(1): 30, 39.
- SPILOTES PULLATUS MEXICANUS**  
(Laurenti)  
Duellman, 1960(4): 368  
(Size - Guatemala)
- SQUAMATA**  
Dowling, 1959(1): 43  
(Classification).
- STANDARD RUNNING WHEEL**  
Tharp, 1964(4): 714 (Lizards)
- STAUROIS NATATOR** (Günther)  
Brown & Alcalá, 1963(4): 675  
(Bohol, Philip. Isl.)
- STAUROTYPUS** Wagler  
Stuart, 1957(2): 91  
(Distrib. routes)
- STENOCERCUS** Dum. & Bibr.  
Etheridge, 1964(4): 630  
(Skeleton)
- STENODACTYLUS** Fitzinger  
Haas & Battersley, 1959(3): 199.
- STEREOCHILUS** Cope  
—Many-lined Salamanders  
Committee on Common Names,  
1956(3): 175.  
Valentine & Dennis, 1964(1): 200.  
Valentine, 1964(3): 583  
(Gills & Gill Slits)
- STEREOCHILUS MARGINATUM**  
(Hallowell)  
—Many-lined Salamander  
Rabb, 1956(2): 119 (S. C.)  
Committee on Common Names,  
1956(3): 175.  
Neill, 1957(1): 44 (Ga.)  
Highton, 1957(2): 108 (Costal  
Grooves—trunk vertebrae)  
Cooper, 1962(1): 212 (S. C.)
- STERNOTHERUS GRAY** (Sternotherus)  
—Musk Turtles  
Committee on Common Names,  
1956(3): 178.
- STERNOTHERUS CARINATUS** (Gray)  
—Keel-backed Musk Turtle  
Committee on Common Names,  
1956(3): 178.
- STERNOTHERUS CARINATUS**  
**CARINATUS** (Gray)  
—Razor-backed Musk Turtle  
Committee on Common Names,  
1956(3): 178.
- STERNOTHERUS CARINATUS MINOR**  
(Agassiz)—Loggerhead Musk  
Turtle  
Committee on Common Names,  
1950(3): 178.
- STERNOTHERUS CARINATUS**  
**PELTIFER** (Smith & Glass)  
—Stripe-necked Musk Turtle  
Committee on Common Names,  
1956(3): 178.
- STERNOTHAERUS DEPRESSUS**  
Tinkle & Webb, 1955.  
—Flattened Musk Turtle.  
Committee on Common Names,  
1956(3): 178.  
Tinkle, 1959(2): 168 (Ala.)
- STERNOTHAERUS MINOR** (Agassiz)  
Tinkle, 1959(2): 168 (Distrib. —  
Ala.)  
Belkin, 1964(2): 329.
- STERNOTHAERUS MINOR PELTIFER**  
(Smith & Glass)  
Tinkle, 1959(2): 169 (Ala.)
- STERNOTHAERUS ODORATUS**  
(Latreille)—Musk Turtle,  
Stink Pot  
Mosimarm, 1955(1): 58 (Cross-  
section & volume)  
Committee on Common Names  
1956(3): 178.  
Einem, 1956(3): 187.  
Olson, 1956(3): 190 (Ill.)  
Sexton, 1957(3): 230 (Hatchlings)  
Anderson, 1958(3): 211  
(Behavior of hatchling)  
Tinkle, 1959(2): 171 (Thousand  
Isl., N. Y.)  
Werner, 1959(2): 171 (Thousand  
Isl., N. Y.)  
Cunningham, 1960(1): 57 (Indiana)  
Holman, 1960(1): 57 (Indiana)  
Edgren, 1960(1): 61 (Ovulation)  
Adler, 1960(2): 156 (Lateral  
expansion)  
Ferguson, 1961(4): 393 (Miss.)  
Moll & Williams, 1963(1): 157  
(Mexico)  
Conant, et al, 1964(1): 212 (Ohio)  
Murphy, 1964(1): 221 (Eaten by  
Copperhead & Cottonmouth)
- STILOSONA** Brown  
—Short-tailed Snakes  
Committee on Common Names,  
1956(3): 184.  
Holman, 1964(4): 637.
- STILOSONA EXTENUATUM** Brown  
—Short-tailed Snake  
Committee on Common Names,  
1956(3): 184.



- STILOSONA EXTENUATUM  
ARENICOLA - Highton, 1956  
Woolfenden, 1962(3): 648 (Fla.)
- STILOSONA EXTENUATUM  
EXTENUATUM Brown  
—Short-tailed snake.  
Telford, 1959(2): 113 (Fla.)  
Woolfenden, 1962(3): 648 (Fla.)
- STILOSONA EXTENUATUM  
MULTISTICTUM - Highton, 1956  
Woolfenden, 1962(3): 648 (Fla.)
- STOLICZKAIA Jerdon  
Dunn & Dowling, 1957(4): 260.
- STORERIA Baird & Girard  
—Brown Snakes  
Committee on Common Names,  
1956(3): 184.  
Conaway & Fleming, 1960(1): 53.
- STORERIA DEKAYI (Holbrook)  
—Brown Snake  
Committee on Common Names,  
1956(3): 184.
- STORERIA DEKAYI DEKAYI (Holbrook)  
—Northern Brown Snake  
Triplehorn, 1955(3): 249 (Ohio-young)  
Committee on Common Names,  
1956(3): 184.  
Werner, 1959(2): 172 (Thousand  
Is., N. Y.)  
Feuer, 1959(3): 261 (Var. in  
broods - E. La.)  
Holman, 1962(2): 258.  
Fitch, 1963(4): 650 (Kansas).  
Bothner & Moore, 1964(4): 710 (Pa.)
- STORERIA DEKAYI TEXANA Trapido,  
1944. —Texas Brown Snake  
Committee on Common Names,  
1956(3): 184.
- STORERIA DEKAYI VICTA Hay  
—Florida Brown Snake  
Committee on Common Names,  
1956(3): 184.  
Hellman & Telford, 1956(4): 257  
(N. Fla.)
- STORERIA DEKAYI WRIGHTORUM  
Trapido—Midland Brown Snake  
Committee on Common Names,  
1956(3): 184.  
Olson, 1956(3): 190 (Ill.)  
Schwartz, 1957(2): 98 (S. C.)  
Feuer, 1959(3): 262.
- STORERIA HIDALGOENSIS Taylor, 1942.  
Martin, 1955(3): 173  
(Tamaulipas, Mexico)
- STORERIA OCCIPITOMACULATA  
(Storer)—Red-bellied Snake  
Committee on Common Names,  
1956(3): 184.
- STORERIA OCCIPITOMACULATA  
OBSCURA Trapido, 1944  
—Florida Red-bellied Snake  
Committee on Common Names,  
1956(3): 184.
- STORERIA OCCIPITOMACULATA  
OCCIPITOMACULATA (Storer)  
—Northern Red-bellied Snake  
Committee on Common Names,  
1956(3): 184.  
Holman, 1962(2): 258.  
Bothner, 1963(3): 572 (N. Y.)  
Fitch, 1963(4): 650 (Kansas)  
Bothner & Moore, 1964(4): 710  
(Pa.)
- STRABOMANTIS Peters, 1863.  
Myers, 1962(1): 197 (Tax.)
- STRABOMANTIS BIPORCATUS  
Peters, 1863.  
Myers, 1962(1): 197 (Tax.)
- STREPTOSAURUS Mittleman  
Etheridge, 1964(4): 630 (Skeleton)
- STYLEMYS Leidy, 1851.  
Auffenberg, 1961(4): 496.
- STYLEMYS NEBRASCENSIS  
Leidy, 1851.  
Auffenberg, 1961(4): 496  
(Phalangeal formula)
- SYNOPSIS Peracca, 1896.  
Dunn & Dowling, 1957(4): 260.
- SYRRHAPHUS Günther, 1900.  
Myers, 1962(1): 197 (Tax.)
- SYRRHOPHUS Cope, 1878.  
—Chirping Frogs.  
Committee on Common Names,  
1956(3): 177.  
Myers, 1962(1): 197 (Tax.)  
Lynch, 1963(3): 581 (Tax.)
- SYRRHOPHUS CAMPI Stejn  
—Rio Grande Frog  
Committee on Common Names,  
1956(3): 177.
- SYRRHOPHUS CYSTIGNATHOIDES  
(Cope)  
Martin, 1955(3): 173  
(Tamaulipas, Mexico)
- SYRRHOPHUS LATODACTYLUS  
Taylor  
Martin, 1955(3): 173  
(Tamaulipas, Mexico)
- SYRRHOPHUS MARNOCKI Cope, 1878.  
—Cliff Frog  
Jameson, 1956(1): 25.  
Jameson, 1956(1): 55 (Longevity)  
Committee on Common Names,  
1956(3): 177.  
Turner, 1959(1): 68 (Skelet. var.)

## SYRRHOPHUS MARNOCKI

(continued)

Hunsaker & Johnson, 1959(4):  
313 (Pigm.)Myers, 1962(1): 197 (Types of  
genus).

Holman, 1963(3): 558.

## SYRRHOPUS Boul., 1888.

Myers, 1962(1): 197(Tax.)

## T

## TACHYMENIS PERUVIANA

ASSIMILIS (Jan)

Donoso-Barros, 1961(4): 487  
(Chile)

## TACHYMENIS PERUVIANA

MELANURA Walker

Donoso-Barros, 1961(4): 487  
(Chile)

## TAKYDROMUS AMURENSIS Peters

Walley, 1958(4): 338 (Tax.)

## TAKYDROMUS TACHYDROMOIDES

(Schlegel)

Alexander & Diener, 1958(3):  
218 (Japan)

## TAKYDROMUS KWANGAKUENSIS

Doi, 1919.

Walley, 1958(4): 338 (Status syn.)

## TANTILLA ATRICEPS (Günther)

—Mexican Black-headed Snake

Committee on Common Names,  
1956(3): 184.Fouquette & Potter, 1961(2):  
148 (Texas)

McCoy, 1964(1): 216.

## TANTILLA BOGERTI Hartweg

McCoy, 1964(1): 216.

## TANTILLA BREVICAUDA Mertens

Uzzell & Starrett, 1958(4): 342  
(El Salvador)

## TANTILLA CORONATA (Baird &amp;

Girard)—Crowned Snake

Committee on Common Names,  
1956(3): 184.

## TANTILLA CORONATA CORONATA

(Baird &amp; Girard)

—Southeastern Crowned Snakes  
Committee on Common Names,  
1956(3): 184.Schwartz, 1957(2): 98 (SC —  
coronata X mitrifer)Minton & Bechtel, 1958(1): 47  
(Indiana)Fouquette & Potter, 1961(2): 147  
Ferguson, 1961(4): 394 (Miss.)

McCoy, 1964(1): 216.

## TANTILLA CORONATA MITRIFER

Schwartz

—Appalachian Crowned Snake

Committee on Common Names,  
1956(3): 184.

## TANTILLA CORONATA WAGNERI

Jan—Florida Crowned Snake

Committee on Common Names,  
1956(3): 184.

Telford, 1959(2): 111 (Fla.)

TANTILLA CUCULLATA Minton,  
1956.Fouquette & Potter, 1961(2): 148  
(Texas)

McCoy, 1964(1): 216.

## TANTILLA DIABOLA Fouquette &amp;

Potter, 1961

—Black-headed snake.

Fouquette & Potter, 1961(2): 144  
(SW Texas)

McCoy, 1964(1): 216.

## TANTILLA EISENI Stejn.

—Western Black-headed Snake

Committee on Common Names,  
1956(3): 184.

McCoy, 1964(1): 216.

## TANTILLA EISENI EISENI Stejn.

—California Black-headed Snake

Committee on Common Names,  
1956(3): 184.

## TANTILLA EISENI TRANSMONTANA

Klauber—Desert Black-headed  
SnakeCommittee on Common Names,  
1956(3): 184.

## TANTILLA GRACILIS Baird &amp; Girard

—Flat-headed Snake

Committee on Common Names,  
1956(3): 184.Fouquette & Potter, 1961(2): 148  
(Texas)

## TANTILLA GRACILIS GRACILIS

Baird &amp; Girard

—Slender Flat-headed Snake

Committee on Common Names,  
1956(3): 184.

## TANTILLA NIGRICEPS Kennicott

—Plains Black-headed Snake

Committee on Common Names,  
1956(3): 184.Fouquette & Potter, 1961(2): 148  
(Texas)

McCoy, 1964(1): 216.

## TANTILLA NIGRICEPS FUMICEPS

Cope—Texas Black-headed  
SnakeCommittee on Common Names,  
1956(3): 184.

- TANTILLA NIGRICEPS NIGRICEPS**  
Kennicott—Plains Black-headed Snake  
Committee on Common Names, 1956(3): 184.
- TANTILLA PLANICEPS** Blainville  
McCoy, 1964(1): 216.
- TANTILLA RUBRA** Cope  
Martin, 1955(3): 173, 176 (Tamaulipas, Mexico)  
Fouquette & Potter, 1961(2): 144 (Mexico)
- TANTILLA SCHISTOSO** (Bocourt)  
Stuart, 1957(2): 93 (Distrib.)
- TANTILLA UTAHENSIS** Blanchard  
—Utah Black-headed Snake  
Committee on Common Names, 1956(3): 184.  
McCoy, 1964(1): 216.
- TANTILLA WILCOXI** Stejn., 1902.  
—Huachuca Black-headed Snake  
Committee on Common Names, 1956(3): 184.  
McCoy, 1964(1): 216.
- TANTILLA YAQUIA BOGERTI** (Hartweg)  
McCoy, 1964(1): 216.
- TANTILLA YAQUIA YAQUIA**  
Smith, 1942.  
McCoy, 1964(1): 216 (Arizona)
- TARBOPHIS DHARA GUENTHERI**  
Anderson  
Haas & Battersby, 1959(3): 202 (Arabia)
- TARENTOLA MAURITANICA** (Linn.)  
Hebard & Charipper, 1955(4): 305 (Phylogeny)
- TANTILLA** Baird & Girard  
—Black-headed Snakes  
Committee on Common Names, 1956(3): 184.
- TANTILLA GRACILIS HALLOWELLI** (Cope)  
—Northern Flat-head Snake  
Committee on Common Names, 1956(3): 184.
- TARICHA** Gray  
—Pacific Newts.  
Committee on Common Names, 1956(3): 175.  
Anderson, 1958(3): 221.  
Valentine & Dennis, 1964(1): 199.  
Valentine, 1964(3): 583 (Gills & Gill slits)
- TARICHA GRANULOSA** Skilton  
—Rough-skinned Newt.  
Neill, 1955(1): 61 (Posture)  
Snyder, 1956(1): 44.
- TARICHA GRANULOSA** (continued)  
Ferguson, 1956(2): 120 (Oregon).  
Committee on Common Names, 1956(3): 175.  
Hunsaker & Johnson, 1959(4): 313 (Pigm.)  
Packer, 1961(3): 351 (Feeding behavior - Calif.)  
Czopek, 1962(3): 576 (Vascularization)  
Weaver, 1963(3): 562 (Prevomerine tooth patterns).  
Davis & Twitty, 1964(4): 601 (Courtship behavior & reprod.)
- TARICHA GRANULOSA GRANULOSA**  
Skilton—Northern Rough-skinned Newt  
Committee on Common Names, 1956(3): 175.
- TARICHA GRANULOSA MAZAMAE**  
Myers—Crater Lake Newt  
Kezer & Farnier, 1955(2): 128 (Oregon)  
Committee on Common Names, 1956(3): 175.
- TARICHA GRANULOSA SIMILANS** (Twitty)—Mendocino Newt  
Committee on Common Names, 1956(3): 175.
- TARICHA GRANULOSA TWITTYI** (Bishop)—Southern Rough-skinned Newt.  
Committee on Common Names, 1956(3): 175.
- TARICHA RIVULARIS** Twitty  
—Red-bellied Newt.  
Committee on Common Names, Plutner, 1958(4): 339 (Calif.)  
Hunsaker & Johnson, 1959(4): 313 (Pigm.)  
Packer, 1961(3): 351 (Feeding behavior - Calif.)  
Packer, 1962(1): 207 (Aquatic homing behavior)  
Packer, 1963(2): 378 (Breeding migration).  
Weaver, 1963(3): 562 (Prevomerine tooth patterns)  
Davis & Twitty, 1964(4): 601 (Courtship behav. & reprod.)
- TARICHA TOROSA** (Daniel, 1937)  
—California Newt.  
Committee on Common Names, 1956(3): 175.
- TARICHA TOROSA SIERRAE** (Twitty)  
—Sierra Newt.  
Committee on Common Names, 1956(3): 175.

**TARICHA TOROSA SIERRAE**

(continued)

Davis & Twitty, 1964(4): 601  
(Courtship behav. & reprod.)**TARICHA TOROSA TOROSA**

(Daniel, 1937)

—Coast Range Newt.

McFarland, 1955(3): 191 (Lethal temp.)

Committee on Common Names,  
1956(3): 175.

Czopek, 1959(1): 95.

Anderson, 1961(2): 135.

Highton, 1962(3): 601.

Weaver, 1963(3): 562 (Prevomerine tooth patterns)

Davis & Twitty, 1964(4): 601  
(Courtship behav. & reprod.)**TEIIDAE**

Milstead, 1961(4): 493 (S. Brazil)

Schmidt, 1964(3): 545 (Cochlea).

**TEIUS TEYOU TEYOU** (Daudin)

Milstead, 1961(4): 493 (S. Brazil)

Bertini & Rathe, 1962(1): 182-183,  
(Electrophoretic analysis)**TELETREMA Miranda-Ribeiro, 1937.**

Myers, 1962(1): 198 (Tax.)

**TELETREMA HETERODACTYLUM**

Miranda-Ribeiro, 1937.

Myers, 1962(1): 198 (Type of genus)

**TELMATOBIOUS HANTHALI** Kosl.Bertini & Rathe, 1962(1): 182-183  
(Electrophoretic analysis)**TELMATOBIOUS OXYCEPHALUS**

Vellard, 1946.

Bertini & Rathe, 1962(1): 182-183  
(Electrophoretic analysis)**TERRAPENE Merrem**

—Box Turtles

Committee on Common Names,  
1956(3): 178.

Betz, 1963(4): 692 (Ovarian morphol.)

**TERRAPENE ANTIPEX** Hay, 1916.

Milstead, 1956(3): 163 (Fossil)

**TERRAPENE BULVERDA** Hay, 1921.

Milstead, 1956(3): 163 (Fossil - Texas).

**TERRAPENE CANALICULATA** Hay, 1907.

Milstead, 1956(3): 163 (Fossil - Texas)

Holman, 1958(4): 277.

**TERRAPENE CAROLINA** (Linn.)

—Box Turtle

Committee on Common Names,  
1956(3): 178.**TERRAPENE CAROLINA BAURI**

Taylor—Florida Box Turtle

Milstead, 1956(3): 165.

Committee on Common Names,  
1956(3): 178.

Holman, 1958(4): 277.

Holman, 1959(2): 100 (Fla.)

**TERRAPENE CAROLINA CAROLINA**

(Linn.)—Eastern Box Turtle

Milstead, 1956(3): 163, 168

(Fossil, Pleistocene &amp; Recent)

Committee on Common Names,  
1956(3): 178.

Holman, 1958(4): 277

(Pleistocene - Fla.)

Clement, 1958(4): 336 (Habits in captivity)

Holman, 1959(2): 100

(Pleistocene - Fla.)

Gould, 1959(2): 174 (Orientation - Md.)

Holman, 1960(1): 58 (Indiana)

Ferguson, 1961(4): 393 (Miss.)

Ferguson, 1963(2): 442

(Heptachlor)

Murphy, 1964(1): 221 (Eaten by Copperhead &amp; Cottonmouth)

**TERRAPENE CAROLINA MAJOR**

(Agassiz)—Gulf Coast Box Turtle

Milstead, 1956(3): 165.

Committee on Common Names,  
1956(3): 178.

Holman, 1958(4): 277.

Holman, 1959(2): 100 (Fla.)

**TERRAPENE CAROLINA TRIUNGUIS**

(Agassiz)

—Three-toed Box Turtle

Milstead, 1956(3): 165.

Committee on Common Names,  
1956(3): 178.

Carpenter, 1957(4): 278

(Behavior &amp; hibernation - Okla.)

**TERRAPENE COAHUILA** Schmidt

&amp; Owens, 1944.

Milstead, 1956(3): 168 (Recent - Mexico)

**TERRAPENE EURYPYGIA** (Cope)

Milstead, 1956(3): 167 (Fossil - Pleistocene)

**TERRAPENE FORMOSA** Hay, 1916.

Milstead, 1956(3): 163 (Fossil)

**TERRAPENE IMPRESSA** Hay, 1924.

Milstead, 1956(3): 163 (Fossil).

**TERRAPENE INNOXIA** Hay, 1916.

Milstead, 1956(3): 163 (Fossil)

- TERRAPENE KLAUBERI Bogert  
—Sonoran Box Turtle  
Milstead, 1956(3): 168  
(Recent - Mexico)
- TERRAPENE LLANENSIS Oelrich,  
1953.  
Milstead, 1956(3): 163 (Fossil)
- TERRAPENE LONGINSULAE Hay  
Milstead, 1956(3): 166 (Fossil -  
Pliocene or Miocene)
- TERRAPENE MARNOCHI (Cope)  
Milstead, 1956(3): 167 (Fossil -  
Pleistocene)
- TERRAPENE MEXICANA Gray  
Milstead, 1956(3): 168  
(Recent - Mexico)
- TERRAPENE NELSONI Stejn., 1925.  
Milstead, 1956(3): 168  
(Recent - Mexico)
- TERRAPENE ORNATA (Agassiz)  
—Western Box Turtle  
Committee on Common Names,  
1956(3): 178.
- TERRAPENE ORNATA LUTEOLA  
Smith & Ramsey  
—Salt Basin Box Turtle  
Committee on Common Names,  
1956(3): 178.
- TERRAPENE ORNATA ORNATA  
(Agassiz)  
—Ornate Box Turtle.  
Milstead, 1956(3): 166  
(Pleistocene & Recent)  
Committee on Common Names,  
1956(3): 178.  
Carpenter, 1957(4): 278 (Okla.)  
Murphy, 1964(1): 221 (Eaten  
by Copperhead.)
- TERRAPENE PUTMANI Hay  
Milstead, 1956(3): 167  
(Fossil - Pliocene)
- TERRAPENE SINGLETONI  
Gilmore, 1927.  
Milstead, 1956(3): 161 (Fossil)
- TERRAPENE WHITNEYI Hay  
Milstead, 1956(3): 163  
(Fossil - Pleistocene - Texas)
- TERRESTRIAL ORIGIN OF FROGS  
Inger, 1962(4): 835.
- TESTUDINIDAE  
Auffenberg, 1961(4): 496.  
Holman, 1962(2): 257 (Pleistocene)
- TESTUDO Linn.  
Holman, 1959(2): 101 (Pleistocene -  
Fla.)  
Auffenberg, 1961(4): 496  
Betz, 1963(4): 692 (Ovarian  
morphol.)
- TESTUDO subgen. CHELONOIDIS  
Williams, 1950.  
Milstead, 1956(3): 168.
- TESTUDO subgen. HESPEROTESTUDO  
Williams, 1950.  
Milstead, 1956(3): 168.
- TESTUDO subgen. MONOCHILYS  
Williams, 1952  
Milstead, 1956(3): 168.
- TESTUDO ANGUSTICEPS (Matthew)  
Milstead, 1956(3): 170  
(Miocene - Nebraska)
- TESTUDO CARETTA Linn.  
Neill, 1957(2): 141 (Type loc.)
- TESTUDO CRASSISCUTATA Leidy  
Holman, 1959(2): 101  
(Pleistocene - Fla.)
- TESTUDA DENTICULATA Linn.  
Watson, 1962(2): 318.
- TESTUDO ELEPHANTINA Dum.  
Watson, 1962(2): 318.
- TESTUDO EQUICOMES Hay, 1917.  
Auffenberg, 1962(3): 630 (Syn.)
- TESTUDO GRAECA Linn.  
—Moorish Tortoises  
Watson, 1962(2): 317
- TESTUDO GRAECA IBERA (Pallas)  
—Aegean Land Tortoise  
Watson, 1962(2): 317  
(Copulation & distrib.)
- TESTUDO HERMANNI Gmelin  
Watson, 1962(2): 318.
- TESTUDO IMBRICATA Linn.  
Neill, 1957(2): 141 (Type loc.)
- TESTUDO INCISA Hay, 1916.  
Auffenberg, 1962(3): 630 (Syn.)
- TESTUDO INSOLITUS  
Auffenberg, 1962(3): 635.
- TESTUDO KALGANENSIS Gilmore,  
1931.  
Auffenberg, 1962(3): 630 (Syn.)
- TESTUDO MARGINATA Schoepff  
Watson, 1962(2): 317 (Distrib.)
- TESTUDO MUHLENBERGII Schoepff  
—Bog Turtle  
Barton & Price, 1955(3): 159 (Syn.)
- TESTUDO PARDALIS Bell  
Watson, 1962(2): 317.
- TESTUDO PICTA Schneider  
Neill, 1957(2): 141 (Type loc.)
- TESTUDO RIGGSI Hibbard, 1944.  
Auffenberg, 1962(3): 630 (Syn.)
- TESTUDO RUGOSA Shaw  
Auffenberg, 1962(3): 627.
- TESTUDO SELLARDSI Hay  
Holman, 1959(2): 101  
(Pleistocene - Fla.)

- TESTUDO SERPENTINA Linn.  
Neill, 1957(2): 141 (Type loc.)
- TESTUDO TURGIDA Cope, 1892.  
Auffenberg, 1962(3): 628 (Syn.)
- TESTUDO VANDENBURGHII De Sola  
Watson, 1962(2): 318.
- TESTUDO WILSONI Milstead, 1956.  
Milstead, 1956(3): 168 (Fossil - Texas)  
Holman, 1959(2): 101  
(Pleistocene - Texas)  
Auffenberg, 1962(3): 630 (Syn.)
- THAMNOPHIS Fitzinger -  
-Garter Snakes  
Brattstrom, 1955(2): 139  
(Pleistocene - Calif.)  
Gardner, 1955(4): 310 (Ball  
of snakes - Conn.)  
Committee on Common Names,  
1956(3): 184.  
Stuart, 1957(2): 91 (Distrib.  
routes)  
Conaway & Fleming, 1960(1): 53.  
Betz, 1962(2): 285 (Anesthesia)  
Betz, 1963(4): 692 (Ovarian  
morphol.)
- THAMNOPHIS ANGUSTIROSTRIS  
(Kennicott)  
-Narrow-headed Garter Snake  
Lowe, 1955(4): 307.  
(Generic status)  
Committee on Common Names,  
1956(3): 184.
- THAMNOPHIS BRACHYSTOMA  
Cope—Short-headed  
Garter Snake.  
Committee on Common Names,  
1956(3): 184.  
Holman, 1962(2): 258.  
Bothner, 1963(3): 572 (Hibern-  
aculum - New York.)  
Bothner & Moore, 1964(4): 709  
(Pa.)
- THAMNOPHIS BUTLERI (Cope)  
-Butler's Garter Snake  
Committee on Common Names,  
1956(3): 184.  
Test, 1958(2): 151 (Food - Mich.)
- THAMNOPHIS CYRTOPSIS (Kennicott)  
-Black-necked Garter Snake  
Committee on Common Names,  
1956(3): 184.
- THAMNOPHIS CYRTOPSIS CYRTOPSIS  
(Kennicott)—Western Black-  
necked Garter Snake.  
Martin, 1955(3): 173  
(Tamaulipas, Mexico)  
Committee on Common Names,  
1956(3): 184.
- THAMNOPHIS CYRTOPSIS CYRTOPSIS  
(continued)  
Stuart, 1957(2): 93 (Distrib.)  
Fitch & Milstead, 1961(1): 112.  
Fitch & Milstead, 1961(1): 112  
(Tax.)  
Conant, 1963(3): 476 (Mexico).
- THAMNOPHIS CYRTOPSIS OCELLATA  
(Cope)—Eastern Black-necked  
Garter Snake.  
Committee on Common Names,  
1956(3): 184.  
Fitch & Milstead, 1961(1): 112.
- THAMNOPHIS DORSALIS CYCLIDES  
(Cope)  
Fitch & Milstead, 1961(1): 112  
(Tax.)
- THAMNOPHIS DORSALIS DORSALIS  
(Baird & Girard, 1853).  
Fitch & Milstead, 1961(1): 112  
(Tax.)
- THAMNOPHIS DORSALIS OCELLATA  
(Cope)  
Fitch & Milstead, 1961(1): 112  
(Tax.)
- THAMNOPHIS DORSALIS POSTREMIS  
(Smith)  
Fitch & Milstead, 1961(1): 112  
(Tax.)
- THAMNOPHIS DORSALIS SUMI-  
CHRISTI (Cope)  
Fitch & Milstead, 1961(1): 112  
(Tax.)
- THAMNOPHIS ELEGANS (Baird &  
Girard)—Western Garter Snake  
Karlstrom & Cook, 1955(1): 57  
(Anesthesia)  
Committee on Common Names,  
1956(3): 184.  
Batts, 1961(3): 350.  
Metter, 1964(1): 183.
- THAMNOPHIS ELEGANS AQUATICUS  
Fox—Aquatic Garter Snake  
Committee on Common Names,  
1956(3): 184.
- THAMNOPHIS ELEGANS ATRATUS  
(Kennicott)  
-Santa Cruz Garter Snake  
Committee on Common Names,  
1956(3): 184.
- THAMNOPHIS ELEGANS BISCUTATUS  
(Cope)—Klamath Garter Snake  
Committee on Common Names,  
1956(3): 184.
- THAMNOPHIS ELEGANS COUCHI  
(Kennicott)—Sierra Garter  
Snake  
Committee on Common Names,  
1956(3): 184.



**THAMNOPHIS ELEGANS ELEGANS**  
(Baird & Girard)

—Mountain Garter Snake

Committee on Common Names,  
1956(3): 184.

**THAMNOPHIS ELEGANS GIGAS**

Fitch—Giant Garter Snake

Committee on Common Names,  
1956(3): 184.

Bleakney, 1959(1): 52.

**THAMNOPHIS ELEGANS HAMMONDI**

(Kennicott)—Two-striped  
Garter Snake

Committee on Common Names,  
1956(3): 184.

**THAMNOPHIS ELEGANS HYDROPHILA**

Fitch—Oregon Garter Snake

Committee on Common Names,  
1956(3): 184.

**THAMNOPHIS ELEGANS NIGRESCENS**

Johnson—Puget Sound  
Garter Snake

Committee on Common Names,  
1956(3): 184.

**THAMNOPHIS ELEGANS TERRESTRIS**

Fox—Coast Garter Snake

Committee on Common Names,  
1956(3): 184.

**THAMNOPHIS ELEGANS VAGRANS**

(Baird & Girard)

—Wandering Garter Snake

Lowe, 1955(4): 308.

Committee on Common Names,  
1956(3): 184.

Manville, 1957(4): 309

(Mont. - Glacier Nat. Park)

Miller, 1963(1): 5. Arizona.

**THAMNOPHIS EQUES (Reuss)**

—Mexican Garter Snake

Committee on Common Names,  
1956(3): 184.

Conant, 1963(3): 473 (Mexico)

**THAMNOPHIS EQUES HAMMONDI**

(Kennicott)

Cowles, 1956(4): 213

(Sidewinding)

**THAMNOPHIS EQUES MEGALOPS**

(Kennicott)

—Mexican Garter Snake

Committee on Common Snake,  
1956(3): 184.

Conant, 1963(3): 487 (Mexico)

**THAMNOPHIS EQUES VIRGATENUIS**

Conant, 1963.

Conant, 1963(3): 490 (Mexico)

**THAMNOPHIS MARCIANUS**

(Baird & Girard)

—Checkered Garter Snake

Committee on Common Names,  
1956(3): 184.

Vial, 1957(2): 143 (Calif. -  
record size)

Fitch & Milstead, 1961(1): 112.  
Holman, 1962(2): 258.

**THAMNOPHIS MARCIANUS**

MARCIANUS (Baird & Girard)

—Eastern Checkered Garter  
Snake.

Committee on Common Names,  
1956(3): 184.

**THAMNOPHIS MARCIANUS NIGRO-**

LATERIS Brown—Western

Checkered Garter Snake.

Committee on Common Names,  
1956(3): 184.

Vial, 1957(2): 143 (Cal. -record size)

**THAMNOPHIS MELANOGASTER**

(Peters)

Conant, 1963(3): 473 (Mexico)

**THAMNOPHIS MELANOGASTER**

CANESCEUS Smith, 1942.

Conant, 1963(3): 481 (Mexico)

**THAMNOPHIS MELANOGASTER**

CHICHUAHUAENSIS Tanner,

1959.

Conant, 1963(3): 484. (Mexico)

**THAMNOPHIS MELANOGASTER**

LINEARIS Smith, Nixon &

Smith, 1950.

Conant, 1963(3): 483 (Mexico)

**THAMNOPHIS MENDOX Walker, 1955**

Walker, 1955(2): 110 (Mexico).

Martin, 1955(3): 173 (Mexico).

**THAMNOPHIS NIGRONUCHALIS**

Thompson, 1957.

Conant, 1963(3): 477 (Mexico)

**THAMNOPHIS ORDINOIDES**

(Baird & Girard)

—Midwestern Garter Snake

Jameson, 1956(1): 28 (Oregon)  
Committee on Common Names,

1956(3): 184.

Batts, 1961(3): 350.

**THAMNOPHIS PHENAX (Cope)**

Walker, 1955(2): 110.

**THAMNOPHIS PROXIMUS (Say)**

Rossman, 1962(4): 741

(Valid species)

**THAMNOPHIS RADIX (Baird &**

Girard)—Plains Garter Snake

Committee on Common Names,  
1956(3): 184.

**THAMNOPHIS RADIX BRACHYSTOMA**  
(Cope)

Bleakney, 1959(1): 52.

**THAMNOPHIS RADIX HAYDENI** (Kennicott)—Western Plains Garter Snake  
Committee on Common Names,  
1956(3): 184.

**THAMNOPHIS RADIX RADIX**  
(Baird & Girard)

—Eastern Plains Garter Snake.

Sooter, 1955(3): 255  
(Bleeding techn.)

Committee on Common Names,  
1956(3): 184.

Olson, 1956(3): 190 (Ill.)

Tinkle, 1960(1): 31.

Holman, 1962(2): 258.

Tinkle, 1962(2): 306.

Heckrotte, 1962(2): 436 (Powdered  
earthworms for food)

**THAMNOPHIS RUFIPUNCTATUS** (Cope)  
Conant, 1963(3): 473, 480 (Mexico)

**THAMNOPHIS SAURITUS** (Linn.)

—Ribbon Snake

Committee on Common Names,  
1956(3): 184.

**THAMNOPHIS SAURITUS PROXIMUS**  
—Western Ribbon Snake

Committee on Common Names,  
1956(3): 184.

Tinkle, 1960(1): 33.

Rossman, 1962(4): 741 (Syn.)

**THAMNOPHIS SAURITUS SACKENI**  
(Kennicott)—Southern Ribbon  
Snake

Committee on Common Names,  
1956(3): 184.

Rossman, 1962(4): 743 (Fla.)

**THAMNOPHIS SAURITUS SAURITUS**  
(Linn.)—Eastern Ribbon Snake

Committee on Common Names,  
1956(3): 184.

Test, 1958(2): 151.

Werner, 1959(2): 172 (Thousand  
Isl., N. Y.)

Fitch & Milstead, 1961(1): 112.  
Holman, 1962(2): 258.

**THAMNOPHIS SCALARIS GODMANI**  
(Günther)

Walker, 1955(2): 111.

**THAMNOPHIS SCALARIS SCALARIS**  
(Cope)

Walker, 1955(2): 111.

**THAMNOPHIS SCALARIS SCALIGER**  
(Jan)

Walker, 1955(2): 111.

**THAMNOPHIS SIRTALIS** (Linn.)  
—Common Garter Snake

Committee on Common Names,  
1956(3): 184.

**THAMNOPHIS SIRTALIS ANNECTENS**  
Brown—Texas Garter Snake

Committee on Common Names,  
1956(3): 184.

Fitch & Milstead, 1961(1): 112.

**THAMNOPHIS SIRTALIS CONCINNUS**  
(Hallowell)—Red-spotted  
Garter Snake

Jameson, 1956(1): 28 (Oregon).  
Committee on Common Names,  
1956(3): 184.

**THAMNOPHIS SIRTALIS FITCHI** Fox  
—Valley Garter Snake

Committee on Common Names,  
1956(3): 184.

Manville, 1957(4): 309.

**THAMNOPHIS SIRTALIS INFERNALIS**  
Blainville—California

Red-sided Garter Snake

Committee on Common Names,  
1956(3): 184.

**THAMNOPHIS SIRTALIS PALLIDULA**  
Allen, 1899.

Bleakney, 1959(1): 52-53,  
(Redescription - N.H. &  
Nova Scotia)

**THAMNOPHIS SIRTALIS PARIETALIS**  
(Say)—Red-sided Garter Snake

Committee on Common Names,  
1956(3): 185.

Manville, 1957(4): 309 (Mont. —  
Glacier Nat. Park)

Bleakney, 1959(1): 53.

Fitch & Milstead, 1961(1): 112.

**THAMNOPHIS SIRTALIS PICKERINGI**  
(Baird & Girard)—Puget Sound

Red-sided Garter Snake

Committee on Common Names,  
1956(3): 185.

**THAMNOPHIS SIRTALIS SIRTALIS**  
(Linn.)—Eastern Garter Snake

Clark, Florio & Hurowitz, 1955(1):  
9 (Embryonic growth).

Karlstrom & Cook, 1955(1): 57  
(Anesthesia)

Triplehorn, 1955(3): 249 (Fla. -  
young)

Committee on Common Names,  
1956(3): 184.

Olson, 1956(3): 190 (Ill.)

Test, 1958(2): 151.

Bleakney, 1959(1): 52 (E. Canada)

Holman, 1959(2): 100  
(Pleistocene - Fla.)

Telford, 1959(2) 111 (Fla.)

Werner, 1959(2): 172 (Thousand  
Isl., N. Y.)

Holman, 1960(1): 58 (Indiana)

Batts, 1961(3): 350 (Intertidal  
fishes as food)

## THAMNOPHIS SIRTALIS SIRTALIS

(continued)

Ferguson, 1961(4): 394 (Miss.)

Holman, 1962(2): 258.

Zehr, 1962(2): 322 (Normal devel.)

Metter, 1964(1): 185.

Bothner &amp; Moore, 1964(4): 709 (Pa.)

## THAMNOPHIS SIRTALIS TETRATAENIA

(Cope)

—San Francisco Garter Snake

Committee on Common Names,

1956(4): 185.

## THAMNOPHIS SIRTALIS TRILINEATA

(Cope)

—Vancouver Garter Snake

Committee on Common Names,

1956(3): 185.

## THECADACTYLUS Gray

Lazell, 1964(4): 718.

## THORIUS Cope

Gehlbach, 1959(3): 203.

Rabb, 1960(4): 310.

Uzzell, 1961(1): 78

(Calcification)

## THORIUS DUBITUS Taylor, 1941.

Gehlbach, 1959(3): 205.

## THORIUS MACDOUGALLI Taylor, 1949.

Gehlbach, 1959(3): 203.

## THORIUS MAXILLABROCHUS

Gehlbach, 1959.

Gehlbach, 1959(3): 205 (Mexico)

## THORIUS MINUTISSIMUS

Taylor, 1949.

Gehlbach, 1959(3): 205.

## THORIUS NARISOVALIS Taylor, 1940.

Gehlbach, 1959(3): 205.

## THORIUS PENNATULUS NARISMAGNUS

Shannon &amp; Weiler, 1955.

Gehlbach, 1959(3): 206.

## THORIUS PENNATULUS PENNATULUS

Cope, 1869.

Gehlbach, 1959(3): 206.

Uzzell, 1961(1): 79.

## THORIUS PULMONARIS Taylor, 1940.

Gehlbach, 1959(3): 203.

Uzzell, 1961(1): 78 (Calcifications)

## THORIUS SCHMIDTI Gehlbach, 1959.

Gehlbach, 1959(3): 203 (Mexico)

## THORIUS TROGLODYTES Taylor

Gehlbach, 1959(3): 205.

## TILQUA Gray

Betz, 1962(2): 284 (Effects of surgical anesthesia)

Betz, 1963(4): 692 (Ovarian morphol.)

## TOMODACTYLUS Günther, 1900.

Myers, 1962(1): 198 (Tax.)

Lynch, 1963(3): 581.

## TOMODACTYLUS AMULAE

Günther, 1900.

Myers, 1962(1): 198 (Mexico)

## TOMODACTYLUS NITIDUS (Peters)

Holman, 1963(3): 558.

## TOMOPTERNA Dum. &amp; Bibr.

Myers, 1962(1): 100 (Tax.)

## TRACHYBOA Peters

Dowling, 1959(1): 45.

Butner, 1963(1): 160 (Anatomy).

## TRACHYDACTYLUS Haas &amp;

Battersby, 1959.

Haas &amp; Battersby, 1959(3):

199 (Arabia).

## TRACHYDACTYLUS JOLENSIS

Haas &amp; Battersby, 1959.

Haas &amp; Battersby, 1959(3): 200

(Arabia).

## TRACHYCEPHALUS NIGROMACULATUS

Tschudi

Lynch, 1963(3): 567 (Ilia)

## TRIMETOPON Cope

Stuart, 1957(2): 94 (Distrib.)

## TRIMORPHODON Cope

—Lyre Snakes

Committee on Common Names,

1956(3): 185.

## TRIMORPHODON BISCUTATUS

(Dum. &amp; Bibr.)

Duellman, 1958(1): 49 (Mexico)

## TRIMORPHODON LAMBDA

Cope, 1866.

—Sonora Lyre Snake

Committee on Common Names,

1956(3): 185.

Gehlbach, 1958(3): 222 (New

Mexico)

Zweifel, 1962(4): 751.

## TRIMORPHODON VANDENBURGHI

Klauber—California Lyre Snake

Committee on Common Names,

1956(3): 185.

## TRIMORPHODON VILKINSONI

Cope, 1866—Texas Lyre Snake

Committee on Common Names,

1956(3): 185.

Degenhardt &amp; Steele, 1957(4):

309 (Texas)

Gehlbach &amp; Baker, 1962(2): 298.

## TRIONYX Geoffroy St. Hilaire

—Softshell Turtles

Commission on Common Names,

1956(3): 178.

## TRIONYX FEROX (Schneider)

—American Soft-shell Turtle,

Spring Soft Shell.

Breckenridge, 1955(1): 5 (Life

history).

- TRIONYX FEROX (continued)  
Committee on Common Names,  
1956(3): 178.
- TRIONYX FEROX AGASSIZI (Baur)  
—Carolina Softshell  
Committee on Common Names,  
1956(3): 178.  
Crenshaw & Hopkins, 1955(1): 13  
(Tax.)
- TRIONYX FEROX ASPERA Agassiz  
—Gulf Coast Soft-shell  
Crenshaw & Hopkins, 1955(1): 13  
(Tax.)  
Committee on Common Names,  
1956(3): 178.
- TRIONYX FEROX EMORYI (Agassiz)  
—Texas Softshell  
Webb, 1956(2): 121 (Sex maturity  
of male - Okla.)  
Committee on Common Names,  
1956(3): 178.
- TRIONYX FEROX FEROX (Schneider)  
—Florida Softshell  
Crenshaw & Hopkins, 1955(1): 13  
(Tax.)  
Committee on Common Names,  
1956(3): 178.
- TRIONYX FEROX HARTWEGI  
(Conant & Goin)  
—Western Spring Softshell  
Breckenridge, 1955(1): 5.  
Committee on Common Names,  
1956(3): 178.  
Olson, 1956(3): 191.
- TRIONYX FEROX SPINIFERA Le Sueur  
—Eastern Spring Softshell  
Breckenridge, 1955(1): 5.  
Crenshaw & Hopkins, 1955(1): 21.  
Committee on Common Names,  
1956(3): 178.  
Olson, 1956(3): 191 (Ill.)  
Holman, 1960(1): 58 (Indiana)
- TRIONYX JAPONICUS (Schlegel)  
—Japanese Soft-shell Turtle  
Breckenridge, 1955(1): 6.
- TRIONYX MUTICUS Le Sueur  
—Smooth Soft-shell  
Shields & Lindeborg, 1956(2):  
120 (New Mexico - 4250 ft.  
alt.)  
Committee on Common Names,  
1956(3): 178.  
Anderson, 1958(3): 212 (Behavior  
of hatchlings)
- TRIONYX SPINIFERA Wiegmann  
—Spring Soft-shelled Turtle  
Breckenridge, 1957(3): 232 (Minn.)  
Conant, 1961(3): 355 (N.J.)  
Conant, et al, 1964(1): 212 (Ohio)
- TRIPANURGOS Fitzinger  
Downs, 1961(4): 383.
- TRIPANURGOS COMPRESSUS  
Fitzinger  
Downs, 1961(4): 385.
- TRIPANURGOS LEUCOMELAS  
(Werner, 1916)  
Downs, 1961(4): 383-387  
(Comb. nov. - Colombia)
- TRIPRION Cope  
Starrett, 1960(4): 300  
Goin, 1961(1): 62.
- TRIPRION PESTASATUS (Cope, 1866)  
Starrett, 1960(4): 304.  
Lynch, 1963(3): 567 (Ila).  
Zweifel, 1964(1): 207 (Dentition)  
Duellman & Klaas, 1964(2): 308  
(Biology - Yucatan).
- TRITURUS Raf.  
Czopek, 1962(3): 586.  
Valentine & Dennis, 1964(1): 199.  
Valentine, 1964(3): 583 (Gills &  
Gill slits).
- TRITURUS ALPESTRIS (Laur.)  
Fox, 1955(2): 132.  
Czopek, 1959(1): 91 (Skin &  
Lung capillaries)
- TRITURUS CRISTATUS CARNIFEX  
(Laurenti)  
Fox, 1955(2): 131 (Early develop.)
- TRITURUS CRISTATUS CRISTATUS  
(Laurenti)  
Fox, 1955(2): 131.  
Czopek, 1959(2): 91 (Skin &  
Lung Capillaries).
- TRITURUS CRISTATUS DANUBIALIS  
(Wolterstorff)  
Fox, 1955(2): 131.
- TRITURUS CRISTATUS DOBROGICUS  
(Kiritzescu)  
Fox, 1955(2): 131.
- TRITURUS CRISTATUS KARELINI  
(Strauch)  
Fox, 1955(2): 131 (Early develop.)
- TRITURUS FUSCUS Raf.  
Valentine, 1963(1): 136 (Tax.)
- TRITURUS HELVETICUS  
(Raxoumowsky)  
Ruibal, 1959(4): 320 (Marine).
- TRITURUS MARMORATUS  
MARMORATUS (Latreille)  
Fox, 1955(2): 131.
- TRITURUS PYRRHOGASTER (Boie)  
Alexander & Diener, 1958(3): 218  
(Japan).
- TRITURUS TOROSUS (Rathke)  
McFarland, 1955(3): 192 (Syn. -  
lethal temp.)

- TRITURUS VULGARIS (Linn.)  
Czopek, 1959(1): 91 (Skin & lung capellaries)  
Ruibal, 1959(4): 320 (Marine).
- TROGONOPHIS Kaup  
Underwood, 1957(1): 28.
- TROPIDOCOLONION Cope  
—Lined Snakes  
Committee on Common Names, 1956(3): 185.  
Holman, 1962(2): 258.  
Betz, 1962(2): 285 (Anesthesia)
- TROPIDOCOLONION LINEATUM (Hallowell)—Lined Snake  
Committee on Common Names, 1956(3): 185.  
Holman, 1962(2): 258.
- TROPIDOCOLONION LINEATUM ANNECTENS Ramsey—Central Lined Snake  
Committee on Common Names, 1956(3): 185.
- TROPIDOCOLONION LINEATUM LINEATUM (Hallowell)  
—Northern Lined Snake  
Committee on Common Names, 1956(3): 185.
- TROPIDOCOLONION LINEATUM TEXANUM Ramsey—Texas Lined Snake  
Committee on Common Names, 1956(3): 185.
- TROPIDODIPSAS CARRI Shreve  
Peters, 1957(2): 111.
- TROPIDODIPSAS FISCHERI Boul.  
Uzzell & Starrett, 1958(4): 342 (El Salvador)
- TROPIDODIPSAS LEUCOMELAS  
Werner, 1916.  
Downs, 1961(4): 383 (Generic reallocation - Colombia)
- TROPIDODIPSAS SARTORI Cope  
Martin, 1955(3): 173 (Tamaulipas, Mexico)
- TROPIDONOTUS Kuhl  
Belkin, 1964(2): 322.
- TROPIDONOTUS DORSALIS  
Günther, 1864.  
Marx & Cochrane, 1964(2): 456 (China)
- TROPIDONOTUS HIMALAYANUS  
Günther, 1864.  
Marx & Cochrane, 1964(2): 456.
- TROPIDONOTUS LEBERIS RIGIDUS (Say) Jan, 1865.  
Huheey, 1959(4): 303 (Syn.)
- TROPIDONOTUS RIGIDUS (Say)  
Holbrook, 1842.  
Huheey, 1959(4): 303 (Syn.)
- TROPIDONOTUS TAXISPLOTUS  
Holbrook  
Lowe, 1955(4): 308. (Tax.)
- TROPIDOPHIS Gray  
Dowling, 1959(1): 44.  
Butner, 1963(1): 160. (Anatomy).
- TROPIDOPHIS MELANURUS  
Schlegel—Cuban Boa  
Hecht, Walters & Ramm, 1955(3): 250.  
Cowles, 1956(4): 213 (Sidewinding - Cuba)
- TROPIDOPHIS PARDALIS (Hundlach, 1840)—Bahaman Pigmy boa.  
Hecht, Walters & Ramm, 1955(3): 249 (Nat. hist. & autohemorrhage)
- TROPIDOPHIS PARDALIS ANDROSI  
Stull, 1940.  
Hecht, Walters & Ramm, 1955(3): 250 (Nat. hist. - Andros Isl.)
- TROPIDOPHIS PARDALIS BARBOURI  
Bailey, 1937.  
Hecht, Walters & Ramm, 1955(3): 250 (Nat. hist. - Long Island).
- TROPIDOPHIS PARDALIS CANUS (Cope)  
Hecht, Walters & Ramm, 1955(3): 250 (Nat. hist. - Great Inagua).
- TROPIDOPHIS PARDALIS CURTUS (Garman, 1887)  
Hecht, Walters & Ramm, 1955(3): 250 (Nat. hist. - New Providence)
- TROPIDOPHIS PARDALIS GREENWAYI Barbour & Shreve  
Hecht, Walters & Ramm, 1955(3): 250 (Nat. hist. - Ambergis Cay).
- TROPIDOPHIS PARKERI Grant, 1940.  
Hecht, Walters & Ramm, 1955(3): 251.
- TROPIDOPHIS PAUCISQUAMIS (Müller, 1901)  
Hecht, Walters & Ramm, 1955(3): 251.
- TROPIDURUS Wied  
Etheridge, 1964(4): 630 (Skeleton)

- TROPIDURUS PERUVIANUS**  
**QUADRIVETTATA** (Tschudi)  
 Donoso - Barros, 1961(4): 487  
 (Chile).
- TUPINAMBIS NIGROPUNCTATUS**  
 Spix - Tegu  
 Schmidt, 1964(3): 548 (Cochlea)
- TUPINAMBIS TEGUIXIN** (Linn.)  
 -Lagarto, Teju.  
 Milstead, 1961(4): 494 (S. Brazil)
- TYLOSAURUS** Marsh, 1872.  
 Underwood, 1957(1): 25.
- TYPHLOMOLGE** Stejn.  
 -Texas Blind Salamander  
 Committee on Common Names,  
 1956(3): 176.  
 Valentine, 1964(3): 583 (Gills &  
 gill slits)
- TYPHLOMOLGE RATHBUNI**  
 Stejneger-Texas Blind Salamander  
 Committee on Common Names,  
 1956(3): 176.  
 Gorbman, 1957(1): 41 (Thyroid  
 gland)  
 Dundee, 1957(1): 52 (Partial  
 metamorphosis)  
 Highton, 1957(2): 108 (Costal  
 grooves - truck imeertelrae)  
 Hunsaker & Johnson, 1959(4):  
 313 (Pigm.)
- TYPHLONETES COMPRESSICAUDA**  
**COMPRESSICAUDA** (Dum. &  
 Bibr.)  
 Parker & Dunn, 1964(1): 79  
 (Dentitional metamorphosis)
- TYPHLONETES COMPRESSICAUDA**  
**NATANS** Fischer  
 Parker & Dunn, 1964(1): 79.
- TYPHLOPIDAE**  
 Underwood, 1957(1): 28.  
 Dowling, 1959(1): 40 (Classification)
- TYPHLOPS** Schneider  
 Betz, 1962(2): 284 (Effects of  
 surgical anesthesia)  
 Betz, 1963(4): 692 (ovarian  
 morphol.)  
 Dowling, 1959(1): 42.
- TYPHLOPS ANGOLENSIS DUBIUS**  
 (Chabanand)  
 Fox & Dessauer, 1962(3): 590  
 (Urogenital structures)
- TYPHLOPS BIMENIENSIS**  
 Richmond, 1955.  
 Richmond, 1961(2): 222 (Cuba)
- TYPHLOPS BRAMINUS** (Daudin)  
 Fox & Dessauer, 1962(3): 590  
 (Urogenital structures)
- TYPHLOPS DELALANDI** Schleg.  
 Underwood, 1957(1): 27.
- TYPHLOPS JAMAICENSIS** (Shaw)  
 Underwood, 1957(1): 27.
- TYPHLOPS LEHNERI** Roux  
 Emsley, 1963(3): 576 (Trinidad)
- TYPHLOPS LUMBRICALIS** (Linn.)  
 -Blind snake  
 Myers, 1958(4): 338 (S. Fla.)  
 Richmond, 1961(2): 221
- TYPHLOPS PUNCTATUS** Leach  
 Underwood, 1957(1): 27.
- TYPHLOPS RETICULATUS** (Linn.)  
 Emsley, 1963(3): 577.  
 (Trinidad?)
- TYPHLOPS ROSTELLATUS**  
 Stejn., 1904.  
 Richmond, 1961(2): 222 (Puerto  
 Rico)
- TYPHLOPS SILUS** Legler, 1959.  
 Richmond, 1961(2): 221 (Status)
- TYPHLOPS SULCATUS** Cope, 1868.  
 Richmond, 1961(2): 222.
- TYPHLOSAURUS LINEATUS** Boul.  
 -South African Skink  
 Brain, 1959(1): 70 (Breeding  
 habits - Kalahari - termites)
- TYPHLOTRITON** Stejn.  
 -Grotto Salamanders  
 Committee on Common Names,  
 1956(3): 176.  
 Valentine & Dennis, 1964(1): 199.  
 Valentine, 1964(3): 583 (Gills &  
 gill slits)
- TYPHLOTRITON NEREUS** Bishop  
 -Spring Grotto Salamander  
 Committee on Common Names,  
 1956(3): 176.
- TYPHLOTRITON SPELAEUS** Stejn.  
 -Grotto Salamander  
 Committee on Common Names,  
 1956(3): 176.  
 Highton, 1957(2): 108 (Costal  
 grooves - trunk vertebrae)

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- ULTROCALAMUS** Sternberg  
 Dowling, 1959(1): 49.
- UMA** Baird  
 -Fringe-toed Lizards  
 Committee on Common Names,  
 1956(3): 180.  
 Etheridge, 1958(2): 98-99.  
 Earle, 1961(1): 68.  
 Earle, 1961(4): 405 (Middle ear)  
 Earle, 1962(1): 185 (Middle ear)  
 Lannom, 1962(2): 437 (Methods of  
 catching)



- UMA EXSUL Schmidt & Bogert,  
1947  
Earle, 1962(1): 186 (Middle ear)  
Carpenter, 1963(2): 406.  
Etheridge, 1964(4): 618 (Skeletal  
morph.)
- UMA INORNATA Cope  
Eakin, 1957(2): 148 (Noosing)  
Stebbins, 1958(3): 183 (Third eye)  
Carpenter, 1961(4): 396 (Social  
behavior)
- UMA NOTATA Baird  
—Fringe-toed Lizard  
Committee on Common Names,  
1956(3): 180.
- UMA NOTATA INORNATA (Cope)  
—Coachella Valley Fringe-toed  
Lizard  
Committee on Common Names,  
1956(3): 180.  
Earle, 1962(1): 186 (Middle ear)  
Carpenter, 1963(2): 406 (Behavior  
patterns)  
Etheridge, 1964(4): 618 (Skeletal  
morph.)
- UMA NOTATA NOTATA Baird  
—Colorado Desert Fringe-toed  
Lizard  
Committee on Common Names,  
1956(3): 180.  
Hunsaker & Johnson, 1959(4):  
313 (Pigm.)  
Carpenter, 1961(4): 396 (Social  
behavior)  
Earle, 1962(1): 186 (Middle ear)  
Carpenter, 1963(2): 406 (Behavior  
patterns)  
Etheridge, 1964(4): 618 (Skeletal  
morph.)
- UMA NOTATA RUFOPUNCTATA  
(Cope)—Fringe-toed Lizard  
Earle, 1962(1): 186 (Middle ear)  
Carpenter, 1963(2): 406.  
Stebbins, 1963(4): 684.  
Etheridge, 1964(4): 631 (Skeleton)
- UMA NOTATA SCOPARIA (Cope)  
—Mojave Fringe-toed Lizard  
Committee on Common Names,  
1956(3): 180.
- UMA PARAPHYGAS Williams,  
Chapliway & Smith, 1959.  
Earle, 1962(1): 186 (Middle ear)  
Etheridge, 1964(4): 618 (Skeletal  
morph.)
- UMA SCOPARIA Cope  
—Mojave Fringe-toed Lizard  
Carpenter, 1961(4): 396 (Social  
behavior)
- UMA SCOPARIA (continued)  
Earle, 1962(1): 186 (Middle ear)  
Carpenter, 1963(2): 406 (Be-  
havior patterns)  
Etheridge, 1964(4): 618 (Skeletal  
morph.)
- UNGALIOPHIS CONTINENTALIS  
(Müller)  
Perkins, 1955(3): 262 (Longevity-  
GOW)
- UNGALIOPHIS PANAMENSIS  
Schmidt, 1933.  
Butner, 1963(1): 160. (Anatomy)
- URAEOTYPHUS OXYURUS  
(Dum. & Bibr.)  
Parker & Dunn, 1964(1): 75-76.  
(Dentitional metamorphosis)
- URANISCODON Gray  
Etheridge, 1964(4): 629-630  
(Skeleton)
- UROCENTRON Kaup  
Etheridge, 1964(4): 629 (Skeleton)
- UROMASTIX ACANTHINURUS  
Gray  
Pandha & Thapliyal, 1964(3): 579.
- UROMASTIX AEGYPTIUS (Forsk.)  
Norris & Dawson, 1964(4): 644  
(Adapt.)
- UROMASTIX HARDWICKII Gray  
Hebard & Charipper, 1955(4):  
306 (Phylogeny)  
Das, 1963(1): 154. (Ductus  
Botalli)
- UROMASTIX MICROLEPIS  
Blanford  
Haas & Battersby, 1959(3): 202  
(Arabia)
- UROMASTIX PHILBYI Parker  
Haas & Battersby, 1959(3): 202  
(Arabia)
- UROPELTIDAE  
Underwood, 1957(1): 24.  
Dowling, 1959(1): 40 (Classification)
- UROPELTIS GRANDIS Kelaart  
Dowling, 1959(1): 47.
- UROSAURUS Hallowell  
—Tree Lizards  
Committee on Common Names,  
1956(3): 181 (Uta).
- UROSAURUS AURICULATUS (Cope)  
Etheridge, 1964(4): 611, 618  
(Skeletal morph.)
- UROSAURUS BICARINATUS  
BICARINATUS (Dum.)  
Etheridge, 1964(4): 613, 618  
(Skeletal morph.)
- UROSAURUS CLARIONENSIS  
(Townsend)  
Etheridge, 1964(4): 611, 631  
(Skeleton)

- UROSAURUS GADOWI Schmidt, 1921.  
 Duellman, 1958(1): 48-49 (Type loc. -  
 Mex. - distrib.)
- UROSAURUS GRACIOSUS (Hallowell)  
 -Long-tailed Brush Lizard  
 Etheridge, 1964(4): 613, 631  
 (Skeleton)
- UROSAURUS MICROSCUTATUS  
 (Van Denburgh)  
 Etheridge, 1964(4): 611, 618  
 (Skeletal morph.)
- UROSAURUS NIGRICAUDUS (Cope)  
 Shaw, 1962(3): 644 (Baja Calif.,  
 Mex.)  
 Soulé, 1963(1): 108. (Thermore-  
 gulation)  
 Etheridge, 1964(4): 613, 618 (Skeletal  
 morph.)
- UROSAURUS ORNATUS CAERULEUS  
 (Smith)  
 Etheridge, 1964(4): 631 (Skeleton)
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**ALBURNUS LINEOLATUS** Agassez, 1863.  
 Suttkus, 1958(4): 313 (Syn.)  
**ALECTIS CRINITUS** Jordan & Gilbert—Threadfish  
 Mather & Gibbs, 1957(3): 243 (N. Atl.)  
**ALEPES** Swainson  
 Mansueti, 1963(1): 55. (Tax.)  
**ALEPISAURUS** Lowe  
 Backus, 1960(3): 243 (Eaten by shark)  
 Bartlett & Backus, 1962(4): 846.  
 Strasburg, 1964(1): 229.  
**ALEPISAURUS ALTIVELIS** Poey, 1861.  
 Mead, 1955(2): 148.  
**ALEPISAURUS FEROX** Lowe, 1833.  
 —Lancet Fish.  
 Mead, 1955(2): 148 (Gulf of Mexico)  
 Woods, 1957(4): 298 (Gulf of Mexico)  
**ALEPISAURUS FEROX** (continued)  
 Tortonese, 1964(1): 101 (Med.)  
**ALEPISAURUS POEYI** Gill  
 Mead, 1955(2): 148.  
**ALEPOCEPHALUS GIRARDI**  
 Marr, 1955(1): 28.  
**ALEPOCEPHALUS OWSTONI**  
 Tanaka, 1908.  
 Grey, 1963(2): 457. (Redisc. of type)  
**ALESTES** Günther  
 Branson & Moore, 1962(1): 28 (Acoustico-lateralis system)  
**ALEUTERIUS PARAGAUDATUS**  
 Richardson  
 Randall, 1964(2): 331.  
**ALGANSEA BICOLOR** Girard, 1856.  
 Bailey & Uyeno, 1964(1): 238 (Tax.)  
**ALGANSEA FORMOSA** Girard, 1856.  
 Bailey & Uyeno, 1964(1): 238 (Tax.)  
**ALGANSEA OBESA** Girard, 1856.  
 Bailey & Uyeno, 1964(1): 238 (Tax.)  
**ALLOCYTTUS VERRUCOSUS**  
 Gilchrist  
 Welander, Johnson & Hajny, 1957(3): 244 (N. Pac.)  
**ALLOHETERANDRIA** Hubbs, 1925.  
 Rivas, 1963(2): 334.  
**ALLOHETERANDRIA NIGROVEN- TRALIS** Hubbs  
 Rivas, 1963(2): 334.  
**ALLOTIS** Hubbs  
 Branson & Moore, 1962(1): 8, 16. (Acoustico-lateralis system)  
**ALOPIAS PELAGICUS** Nakamura  
 Strasburg, 1963(1): 38 (Tooth re- placement)  
**ALOPIAS VULPINUS** (Bonnaterre)  
 Briggs, 1960(3): 173 (Circumtropi- cal)  
 Tortonese, 1964(1): 100 (Med.)  
**ALOPIIDAE**  
 Briggs, 1960(3): 173.  
 Gilbert & Oren, 1964(3): 534 (No nictitans)  
**ALOSA** Linck, 1790.  
 Gunter & Demoran, 1961(1): 40.  
 Svelovidov, 1964(1): 118 (Sys- tematics)  
**ALOSA AESTIVALIS** (Mitchill)  
 —Glut or Blue-back Herring  
 Behnke & Wetzel, 1960(2): 142 (Conn.)  
 Sindermann & Honey, 1963(3): 534 (Hemoglobins)  
**ALOSA ALABAMAE** Jordan & Ever- mann.  
 Svelovidov, 1964(1): 118.



- ALOSA ALOSA (Linn.)  
Tortonese, 1964(1): 100-101 (Med.).  
Svetovidov, 1964(1): 118.
- ALOSA FALLAX (Lac.)  
Tortonese, 1964(1): 101, 103 (Med.)  
Svetovidov, 1964(1): 118.
- ALOSA FALLAX FALLAX (Lac.)  
Tortonese, 1964(1): 104 (Alt. O.)
- ALOSA FALLAX NILOTICA (Geoffr.)  
Tortonese, 1964(1): 104 (Med.)
- ALOSA MEDIOCRIS—Hickory shad  
Behnke & Wetzel, 1960(2): 142 (Conn.)
- ALOSA OHIOENSIS Evermann  
Svetovidov, 1964(1): 119.
- ALOSA PSEUDOHARENGUS (Wilson)  
—Alewife  
Eddy & Underhill, 1959(4): 342 (Minn.)  
Behnke & Wetzel, 1960(2): 142 (Conn.)  
Sindermann & Honey, 1963(3): 534 (Hemoglobins)  
Edsall, 1964(1): 226 (Predation on eggs).
- ALOSA SAPIDISSIMA (Wilson)—  
American Shad.  
Medcof, 1957(3): 252 (Nuptial or pre-nuptial behavior)  
Nichols, 1959(4): 343 (Loss of body wt.)  
Behnke & Wetzel, 1960(2): 142 (Conn.)  
Sindermann & Honey, 1963(3): 534 (Hemoglobins)  
Svetovidov, 1964(1): 118.  
Edsall, 1964(1): 227 (Predation on eggs)
- ALPHESTES Bloch & Schneider  
Walters, 1955(2): 146.
- ALTICUS EQUES (Steindachner)  
Fowler, 1926.  
Cohen, 1956(4): 247 (Tax.)
- ALTICUS GIGAS (Steindachner)  
Evermann & Radcliffe, 1917.  
Cohen, 1956(4): 247 (Tax.)
- ALVARIUS Girard, 1859.  
Bailey & Richards, 1963(4): 702-703 (Tax.)
- ALPHESTES AFER (Bloch)  
Walters, 1957(4): 285 (N. Atl.)
- ALPHESTES GALAPAGENSIS Fowler  
Walters, 1957(4): 285 (Pacific)
- ALPHESTES MULTIGUTTATUS (Günther)  
Walters, 1957(4): 285 (Pacific)
- ALPHESTES SCHOLANDERI Walters, 1957.—Golden Grouper.  
Walters, 1957(4): 283 (Bimini, Bahamas)
- ALTICUS MACCLUREI Silvester, 1918.  
Springer, 1962(2): 433 (Syn. - Puerto Rico).
- ALUTERA BLANKERTI (Metzelaar)  
Berry & Poll, 1961(3): 361.
- ALUTERA FUSCUS (Fischer)  
Berry & Poll, 1961(3): 361.
- ALUTERA HEUDELOTII Hollard, 1855.—Atlantic Ocean Filefish  
Berry & Poll, 1961(3): 360 (Tax.)
- ALUTERA MONOCEROS (Linn., 1758)  
Berry & Poll, 1961(3): 360 (Tax.)
- ALUTERA MONOCEROS (Osbeck)  
—Unicorn Filefish.  
Briggs, 1960(3): 179 (Circumtropical)
- ALUTERA PUNCTATA Cuv.  
Berry & Poll, 1961(3): 360 (Tax.)
- ALUTERA SCHOEPFII (Walbaum, 1792).  
Berry & Poll, 1961(3): 360 (Tax.)
- ALUTERA SCRIPTA (Osbeck)—Long-tail Filefish  
Briggs, 1960(3): 179 (Circumtropical)  
Berry & Poll, 1961(3): 360 (Tax.)
- ALUTERA VENTRALIS Longley, 1935.  
Berry & Poll, 1961(3): 361 (Syn.)
- ALUTERES BLANKERTI Metzelaar, 1919.  
Berry & Poll, 1961(3): 361 (Syn.)
- ALUTERIDAE  
Briggs, 1960(3): 179.
- ALUTERUS HEUDELOTII Hollard, 1955.  
Berry & Poll, 1961(3): 361 (Syn.)
- ALVARIUS LATERALIS Girard, 1859  
Bailey & Richards, 1963(4): 702-703. (Tax.)
- ALVORDUIS ASPRO Cope & Jordan  
Richards & Knapp, 1964(4): 691 (Tax.)
- ALVORDUIS EVIDES Jordan & Copeland  
Richards & Knapp, 1964(4): 691 (Tax.)
- ALVORDUIS MACULATUS Girard  
Richards & Knapp, 1964(4): 691 (Tax.)

- AMANSES Gray, 1835. — Filefish  
Randall, 1964(2): 331, 333. (Revision)
- AMANSES CAROLAE Hiatt & Strasburg, 1960.  
Randall, 1964(2): 340 (Syn.)
- AMANSES FRONTCINCTUS (Günther, 1866)  
Randall, 1964(2): 347 (Syn.).
- AMANSES LONGIPINNIS Fraser-Brunner, 1941.  
Randall, 1964(2): 338 (Syn.)
- AMANSES MICROLEPIDOTUS Gray, 1859.  
Randall, 1964(2): 356 (Syn.).
- AMANSES PULLUS (Ranzani) Dawson, 1962(2): 444 (Gulf of Mexico).  
Randall, 1964(2): 359 (Syn.)
- AMANSES SANDWICIENSIS Smith & Smith, 1963.  
Randall, 1964(2): 340 (Syn.)
- AMANSES SCOPAS (Cuv.) Randall, 1964(2): 333 (Tax.).
- AMBASSIS Cuv. & Val. Breder, 1962(3): 565.
- AMBASSIS SAFGHA (Forsk.) — Glassy  
Stebbins & Kalk, 1961(1): 19 (Port. E. Afr.)
- AMBLOPLITES CAVIFRONS Cope Branson & Moore, 1962(1): 9, 13. (Acoustico-lateralis system)
- AMBLOPLITES RUPESTRIS (Raf.) — Rock bass  
Behnke & Wetzel, 1960(2): 143 (Conn.)  
Branson & Moore, 1962(1): 13 (Acoustico-lateralis system)  
Smith, 1962(3): 516 (Pliocene - Kansas).  
Mc Cleave, 1964(3): 509.
- AMBLYOPSIDAE Cahn & Shaw, 1962(1): 110 (Cupulae).
- AMBLYOPSIS De Kay John, 1957(2): 131 (Blinded behavior)  
Cahn & Shaw, 1962(1): 110 (Cupulae).
- AMBLYOPSIS ROSAE (Eigenmann) Barr & Kuehne, 1962(3): 662.
- AMBLYOPSIS SPELAEA De Kay, 1842. — Northern Cavefish  
Barr & Kuehne, 1962(3): 662 (N. Ky.)
- AMEIURUS Raf. Harrington, 1955(4): 268 (Bones)  
Kapoor, 1961(2): 179 (Sensory canals)
- AMEIURUS MELAS (Raf.) — North American Catfish or Black Bullhead.  
Bond & Bisbee, 1955(1): 56 (Ore. & Idaho).  
Bardach, Winn & Menzel, 1959(2): 138.  
Iwai, 1963(2): 273. (Taste buds)
- AMEIURUS MELAS MELAS (Raf.) — Northern Black Bullhead.  
Personius & Eddy, 1955(1): 42 (Little Missouri R.)
- AMEIURUS NATALIS (LeSueur) — Yellow Bullhead.  
Greenbank, 1956(3): 158 (Movement under ice)
- AMEIURUS NEBULOSUS (LeSueur) — Catfish.  
Bardach & Loewenthal, 1961(1): 42.
- AMIA Linn. Harrington, 1955(4): 268 (Bones).  
Kapoor, 1961(2): 179 (Sensory canals)  
Branson & Moore, 1962(1): 2, 26-30. (Acoustico-lateralis system)
- AMIA CALVA Linn. — Bowfin.  
Odum & Caldwell, 1955(2): 105 (Respir. in anaerobic spring - Fla.)  
Greenbank, 1956(3): 158 (Movement under ice)  
Behnke & Wetzel, 1960(2): 142 (Conn.)  
Branson & Moore, 1962(1): 4, 26. (Acoustico-lateralis system)  
Smith, 1962(3): 506 (Pliocene - Nebr.)
- AMIA FRENATA (Val.) Mansueti, 1963(1): 57. (Tax.)
- AMIIDAE Behnke & Wetzel, 1960(2): 142 (Conn.)  
Branson & Moore, 1962(1): 29. (Acoustico-lateralis system)  
Smith, 1962(3): 506 (Pliocene - Nebr.)
- AMIURUS (sic). Sharma, 1964(3): 533.
- AMMOCOETES ARGENTEUS (Kirtland) Starrett et al, 1960(4): 337 (Ill.)
- AMMOCOETES HIRUDO (Girard) Starrett et al, 1960(4): 337.
- AMMOCRYPTA ASPRELLA (Jordan) Gilbert & Bailey, 1962(4): 807.  
Collette, 1963(4): 616.

- AMMOCRYPTA BEANI Jordan  
—Sand-burrowing Darter  
Collette, 1963(4): 615.
- AMMOCRYPTA PELLUCIDA (Baird)  
—Northern Sand Darter  
Collette, 1963(4): 615.
- AMMOCRYPTA VIVAX Hay  
Collette, 1963(4): 615.
- AMMODYTES Linn.—Sand lances  
Richards, Perlmutter & Mc Aneny,  
1963(2): 358 (Tax.)
- AMMODYTES ALASCANUS Cope,  
1873.  
Richards, Perlmutter & Mc Aneny,  
1963(2): 372 (Tax.)
- AMMODYTES ALEÛTENSIS Düncker  
& Mohr, 1940.  
Richards, Perlmutter & Mc Aneny,  
1963(2): 373 (Tax.)
- AMMODYTES AMERICANUS De Kay,  
1842.—Sand Lance  
Graham, 1956(3): 192 (Mortality -  
R.I.)  
Massmann, 1960(1): 70 (Ches.  
Bay)  
Richards, Perlmutter & Mc Aneny,  
1963(2): 372 (Tax.)
- AMMODYTES DUBIUS Reinhardt,  
1838.  
Richards, Perlmutter & Mc Aneny,  
1963(2): 358 (Tax.)
- AMMODYTES HEXAPTERUS Pallas,  
1831.  
Richards, Perlmutter & Mc Aneny,  
1963(2): 358 (Tax.)
- AMMODYTES HEXAPTERUS  
HEXAPTERUS Pallas  
—Sand lance.  
Richards, Perlmutter & Mc Aneny,  
1963(2): 373 (Tax.)  
Williams, Richards & Farnworth,  
1964(1): 242 (Eggs, Long Isl.,  
N. Y.)
- AMMODYTES HEXAPTERUS  
MARINUS (Raitt)  
Richards, Perlmutter & Mc Aneny,  
1963(2): 373 (Tax.)
- AMMODYTES HEXAPTERUS  
MURMANICUS  
Richards, Perlmutter, & Mc Aneny,  
1963(2): 373 (Tax.)
- AMMODYTES JAPONICUS Düncker  
& Mohr, 1940.  
Richards, Perlmutter & Mc Aneny,  
1963(2): 373 (Tax.)
- AMMODYTES LANCEA Yarrell  
Richards, Perlmutter & Mc Aneny,  
1963(2): 369 (Tax.)
- AMMODYTES LANCEOLATUS  
Le Sauvage, 1824.  
Slashtenko, 1955(3): 234.  
Richards, Perlmutter & Mc Aneny,  
1963(2): 369 (Tax.)
- AMMODYTES MARINUS Raitt, 1934.  
Richards, Perlmutter & Mc Aneny,  
1963(2): 370 (Tax.)  
Williams, Richards & Farnworth,  
1964(1): 243.
- AMMODYTES PERSONATUS Girard,  
1859.  
Richards, Perlmutter & Mc Aneny,  
1963(2): 362 (Tax.)
- AMMODYTES TOBIANUS Linn.,  
1758.—Sand lances  
Slashtenko, 1955(3): 243.  
de Sylva & Dairs, 1963(1): 91 (Food  
for Marlin)  
Williams, Richards & Farnworth,  
1964(1): 243.
- AMMODYTES TOBIANUS DUBIUS  
(Reinhardt)  
Richards, Perlmutter & Mc Aneny,  
1963(2): 369-371 (Tax.)
- AMMODYTES TOBIANUS JAPONICUS  
(Düncker & Mohr)  
Richards, Perlmutter & Mc Aneny,  
1963(2): 373 (Tax.)
- AMMODYTES TOBIANUS MINAMI  
Perlmutter, 1940.  
Richards, Perlmutter & Mc Aneny,  
1963(2): 373 (Tax.)
- AMMODYTES TOBIANUS OCEANICUS  
Perlmutter, 1940.  
Richards, Perlmutter & Mc Aneny,  
1963(2): 371 (Tax.)
- AMPHIODON ALCOSOIDES Raf.  
Hecht & Walters, 1955(3): 252  
(Canada)
- AMPHIPRION Bl. Schn.  
Mansueti, 1963(1): 69. (Response  
to jellyfish)
- AMPHIPRION BICINCTUS Rüpp.  
Stevenson, 1963(4): 614.
- AMPHIPRION PERCULA (Lac.)  
Stevenson, 1963(4): 612.
- AMYZON Cope  
Uyeno & Miller, 1962(2): 340.
- ANACYRTUS TECTIFER Cope  
Böhlke & Grant, 1960(3): 255 (Tax.)
- ANAGO Jordan & Hubbs  
Cahn & Shaw, 1962(1): 110 (Cupulae)
- ANARHICHAS LUPUS Linn.  
—Wolffish  
Morrow, 1957(3): 240 (Long Isl.  
Sound)  
Tortonese, 1964(1): 101 (Med.)

- ANATOLICHTHYS Kosswig & Sozer, 1944.  
 Uyeno & Miller, 1962(3): 528.  
 Kosswig, 1963(2): 238 (Speciation).  
 Kosswig, 1964(1): 71 (Polymorphism)
- ANCHOA Jordan & Evermann  
 Miller, 1958(3): 237 (Mex.)
- ANCHOA BROWNI (Jordan & Evermann)—Anchovy  
 de Sylva & Davis, 1963(1): 91 (Syn.)
- ANCHOA COMPRESSA (Girard)  
 Miller, 1960(3): 252.
- ANCHOA CURTA (Jordan & Gilbert)  
 Miller, 1960(3): 252.
- ANCHOA EXIGUA (Jordan & Gilbert)  
 Miller, 1960(3): 252.
- ANCHOA HEPSETUS (Linn.)  
 Breder, 1962(2): 460 (Effects of hurricane).  
 Mansueti, 1963(1): 68. (Food of fish)  
 de Sylva & Davis, 1963(1): 91.
- ANCHOA LUCIDA (Jordan & Gilbert)  
 Miller, 1960(3): 252.
- ANCHOA MITCHILLI (Val.)  
 —Bay Anchovy  
 Robinson, 1959(3): 255 (Lower Rio Grande)  
 Behnke & Wetzel, 1960(2): 142 (Conn.)
- ANCHOA MUNDEOLOIDES (Breder)  
 Miller, 1960(3): 252.
- ANCHOA NASO (Kner & Steindachner)  
 Miller, 1960(3): 252.
- ANCHOA PANAMENSIS (Steindachner)  
 Miller, 1960(3): 252.
- ANCHOA SCHULTZI Hildebrand  
 Miller, 1960(3): 252.
- ANCHOVIA CURTA (Jordan & Gilbert)  
 Gunter, 1957(1): 14 (In fresh water)
- ANCHOVIA MACROLEPIDOTA (Kner & Steindachner)  
 Miller, 1960(3): 252.
- ANCHOVIA SPINIFER (Cuv. & Val.)  
 Gunter, 1957(1): 15 (In fresh water)
- ANCHOVIELLA ANALIS Miller  
 Miller, 1960(3): 250 (Variation, distrib. & Ecol.)
- ANCYLOPSETTA Gill—Flatfish  
 Tyler, 1959(2): 139, 147 (Key to species)
- ANCLOPSETTA CYCLOIDEA Tyler, 1959.  
 Tyler, 1959(2): 140 (Guiana Coast)
- ANCYLOPSETTA DENDRITICA  
 Gilbert, 1891.  
 Tyler, 1959(2): 143.
- ANCYLOPSETTA DILECTA (Goode & Bean)  
 Tyler, 1959(2): 142.
- ANCYLOPSETTA KUMPERAE Tyler, 1959.  
 Tyler, 1959(2): 143 (Guiana Coast)
- ANCYLOPSETTA QUADROCELLATA  
 Gill, 1864.  
 Tyler, 1959(2): 142.
- ANGUILLA Shaw  
 Gosline & Strasburg, 1956(1): 9.  
 Orton, 1963(1): 10. (Larval opercular cartilage)  
 Orton, 1964(2): 438 (Larvae)
- ANGUILLA ANGUILLA (Linn.)  
 Tortonese, 1964(1): 103 (Med.)
- ANGUILLA ROSTRATA (Le Sueur)  
 Darnell, 1955(3): 238 (Terrestrial habit)  
 Robinson, 1959(3): 255 (Lower Rio Grande)  
 Behnke & Wetzel, 1960(2): 142 (Conn.)  
 Knapp et al, 1963(2): 455 (Md.)
- ANGUILLA VULGARIS Turton  
 Berry, 1964(2): 381 (Upper Jaw Bones).
- ANGUILLICHTHYIDAE Mowbray in Breder, 1927.  
 Gosline & Strasburg, 1956(1): 12 (Tax.)
- ANGUILLICHTHYS Mowbray in Breder, 1927.  
 Gosline & Strasburg, 1956(1): 11 (Tax.)
- ANGUILLICHTHYS BAHAMENSIS  
 Mowbray in Breder, 1927.  
 Gosline & Strasburg, 1956(1): 11 (Tax.)
- ANGUILLIDAE  
 Behnke & Wetzel, 1960(2): 142 (Conn.)
- ANISOTREMUS VIRGINICUS (Linn.)  
 —Porkfish  
 Myers, 1964(1): 34.
- ANOPLARCHUS PURPURESCENS  
 Gill  
 Batts, 1961(3): 351 (Food of garter snake)
- ANOLOGASTER CORNUTA Val.  
 —Fangtooth  
 Briggs, 1960(3): 176 (Circumtropical)

- ANOPOLOGASTRIDAE  
Briggs, 1960(3): 176.
- ANOPTICHTHYS Hubbs & Innes,  
1936.  
Sadoglu, 1956(2): 113 (Mexico)  
Cahn & Shaw, 1962(1): 110  
(Cupulae)
- ANOPTICHTHYS ANTROBIUS  
Alvarez, 1946.  
Sadoglu, 1956(2): 113 (Mexico)  
Kosswig, 1964(1): 73 (Polymor-  
phism).
- ANOPTICHTHYS HUBBSI Alvarez,  
1947. — Blind cavefish  
Sadoglu, 1956(2): 113 (Mexico).  
John, 1957(2): 123 (Behavior of  
blind fish)  
Baslow & Mgielli, 1961(1): 10.
- ANOPTICHTHYS JORDANI Hubbs  
& Innes, 1936.  
Sadoglu, 1956(2): 113 (Mexico)  
Gordon & Rosen, 1962(2): 365.  
Kosswig, 1964(1): 73 (Polymor-  
phism)
- ANOSTOMUS Gronov.  
Myers & Carvalho, 1959(2): 148.
- ANOSTOMUS ANOSTOMUS (Linn.)  
Myers & Carvalho, 1959(2): 151  
(South Amer.)
- ANOSTOMUS GRACILIS (Kner)  
Myers & Carvalho, 1959(2): 151  
(South Amer.)
- ANOSTOMUS PLICATUS Eigenmann,  
1912.  
Myers & Carvalho, 1959(2): 151  
(South Amer.)
- ANOSTOMUS TRIMACULATUS  
(Kner)  
Myers & Carvalho, 1959(2): 151  
(South Amer.)
- ANTENNARIIDAE  
Schultz, 1958(2): 147.
- ANTENNARIUS NUMMIFER (Cuvier)  
— Ocellated Fringed Frogfish  
Ray, 1961(2): 230 (Spawning be-  
havior)
- ANTENNARIUS OCELLATUS (Bloch  
& Schneider)  
Hubbs, 1958(4): 283.
- ANTENNARIUS PAUCIRADIATUS  
Schultz.  
Schultz, 1958(2): 147 (Correction)
- ANTENNARIUS RADIOSUS Garman  
Hubbs, 1958(4): 282 (Tax.)
- ANTENNATUS BIGIBBUS (Lacépède)  
Rosenblatt, 1963(2): 463.
- ANTENNATUS RETICULARIS (Gilbert)  
— Frogfish.  
Briggs, 1962(2): 440 (Restoration).  
Rosenblatt, 1963(2): 462.
- ANTENNATUS STRIGATUS (Gill)  
Briggs, 1962(2): 440.  
Rosenblatt, 1963(2): 462 (Ilicium &  
dorsal spine)
- ANTENNETUS ZIESENHENNEI (Myers  
and Wade, 1946).  
Rosenblatt, 1963(2): 463.
- ANTIGONIA CAPROS Lowe—Boar  
fish  
Dawson, 1959(4): 343 (S. C.)
- ANTIMORA ROSTRATA Günther  
Briggs, 1960(3): 176 (Circumtropi-  
cal)
- AORIA Jordan  
De Beaufort, 1964(1): 64.
- APELTES QUADRACUS (Mitchill)  
— Fourspine Stickleback  
Turner, 1957(3): 195.  
Behnke & Wetzel, 1960(2): 143  
(Conn.)  
Krueger, 1961(4): 442 (Meristic  
variation)  
Reisman, 1963(1): 191. (Reproduc-  
tive behavior)  
Dymond, 1964(1): 21 (Canada).
- APHANIOPS Hoedeman, 1951.  
Uyeno & Miller, 1962(3): 528.
- APHANIUS Nardo  
Uyeno & Miller, 1962(3): 528.  
Kosswig, 1963(2): 238 (Speciation)
- APHANIUS DISPAR (Rüppel)  
Barlow, 1958(3): 231 (Egypt - syn.)
- APHANIUS FASCIATUS Nardo  
Tortonese, 1964(1): 103 (Med.)
- APHAREUS FURCATUS (Lac.)  
Briggs, 1964(4): 707 (Transpacific  
shores)
- APHREDODERUS LeSueur  
Branson & Moore, 1962(1): 5, 26-  
27. (Acoustico-lateralis syst.)
- APHREDODERUS SAYANUS (Gilliams).  
— Pirateperch  
Behnke & Wetzel, 1960(2): 141  
(Mass., N. Y.)  
Smith & Bridges, 1960(3): 253 (Ill.)  
Crossman, 1962(1): 120 (N. C.)  
Smith, 1963(2): 255. (E. Illinois)
- APHREDONDERUS SAYANUS GIBBOSUS  
LeSueur—Piratefish  
Moore & Burris, 1956(1): 18  
(Lateral line)

- APHREDODERUS SAYANUS SAYANUS (Gilliams). —Pirateperch  
Moore & Burris, 1956(1): 18  
(Lateral line)  
Mansueti, 1963(3): 546 (Changes in morphology).
- APHTHALMICHTHYS Kaup  
Gosline & Strasburg, 1956(1): 11.
- APLETODON Briggs, 1955.  
Briggs, 1957(3): 207.
- APLOCHEILUS M'Clelland  
Liem, 1963(2): 309. (Sex reversal).
- APLOCHITON Jenyns, 1842.  
Briggs, 1961(2): (Tax.)  
Berry, 1964(2): 377 (Upper Jaw Bones)
- APLOCHITONIDAE  
Berry, 1964(2): 377 (Upper Jaw Bones)
- APLODACTYLUS Valenciennes, 1832.  
Briggs, 1961(2): 162 (Tax.)
- APLODINOTUS Raf.  
Myers, 1960(1): 67.  
Smith, 1962(3): 510 (Pliocene.)
- APLODINOTUS GRUNNIENS Raf.  
—Freshwater Drum.  
Smith, 1958(3): 179 (Pleistocene)  
Robinson, 1959(3): 255 (Lower Rio Grande)  
Witt, 1960(3): 181 (Length & wt.)  
Ferguson, 1961(4): 392 (Miss.)  
Branson & Moore, 1962(1): 55  
(Acoustico-lateralis system)  
Schneider, 1962(2): 336 (Labyrinth)  
Uyeno & Miller, 1962(2): 344  
(Pleistocene - Texas).  
Smith, 1962(3): 516 (Pliocene - Kansas).  
Clemens & Johnson, 1964(2): 390.  
Winn et al, 1964(2): 420 (Sounds).
- APOGON FRENATUS Valenciennes  
Mansueti, 1963(1): 57. (Tax.)
- APOGON NOVEMSTRIATUS Rüppell, 1835.  
Lachner, 1955(1): 54. (Red Sea)
- APOGON SNYDERI Jordan & Evermann  
Gosline, 1961(3): 265 (Caudal skeleton)
- APOGONIDAE  
Gosline, 1961(3): 265 (Caudal skeleton)  
Robins & deSylva, 1964(3): 589.
- APRINODON ISODON (Müller & Henle)  
Starr & Fosberg, 1957(4): 293  
(Serum proteins)
- APRISTURUS Garman  
Gilbert & Oren, 1964(3): 534  
(No nictitans)
- APRODON CORTEZIANUS Gilbert  
—Bigfin eelpout  
Bali & Bond, 1959(1): 74 (Oregon-Pacific)
- APROLEPIS Hubbs  
Barlow, 1961(4): 424 (Syn.)
- APROLEPIS BARBARAE Hubbs, 1921.  
Barlow, 1961(4): 424.
- APTERICHTHYS Dela Roche  
Walters, 1955(2): 146 (Parasitism)
- ARAPAIMA Müller  
De Beaufort, 1964(1): 63 (South Amer.)
- ARAPAIMA GIGAS (Cuv.)—Arapaima  
Migdalski, 1957(1): 54 (Life history)  
Myers, 1964(1): 38 (Amazon).
- ARCHOPLITES Gill  
Branson & Moore, 1962(1): 13  
(Acoustico-lateralis syst.)
- ARCHOPLITES INTERRUPTUS (Girard)—Sacramento Perch  
Eaton, 1956(3): 198 (Nasal organs)  
Dineen & Stokely, 1956(4): 217  
(Osteology)  
Branson & Moore, 1962(1): 2, 13.  
(Acoustico-lateralis system)
- ARCHOSARGUS Gill  
Branson & Moore, 1962(1): 56-59  
(Acoustico-lateralis system)  
Robins & DeSylva, 1964(3): 589.
- ARCHOSARGUS PROBATOCEPHALUS (Walbaum)—Sheepshead  
Harrington & Rivas, 1958(2): 129  
(Fla.)  
Vorenberg, 1962(2): 456 (Fla.)  
Boschung, 1962(2): 457 (Fla.)
- ARCOS ERYTHROPS (Jordan & Gilbert, 1882)  
Briggs, 1960(3): 217 (Tres Marias Isl.)
- ARCTOGADUS BORISOVI Drjagin  
Walters, 1961(2): 236.
- ARCTOGADUS GLACIALIS (Peters)  
Walters, 1961(2): 236 (Winter abundance in Polar Basin)



- ARCTOGADUS PEARYI (Nichols & Maxwell)  
Walters, 1961(2): 236.
- ARENICHTHYS Beebe & Tee-Van, 1938.  
Orton, 1964(2): 442.
- ARGYROPELECUS AFFINIS Garman  
Briggs, 1960(3): 174.
- ARGYROPELECUS GIGAS Norman  
Grey, 1956(4): 243 (Gulf of Mexico)
- ARGYROPELECUS LYCHNUS  
Garman  
Barraclough, 1956(2): 110.
- ARGYROPELECUS OLFERSI (Cuvier)  
Barraclough, 1956(2): 109.  
Briggs, 1960(3): 174.
- ARGYROPELECUS SLADENI Regan  
—Two-pronged Hatchetfish  
Barraclough, 1956(2): 109 (Brit. Columbia)  
Briggs, 1960(3): 174.
- ARGYROSUMUS Agassiz, 1850.  
Dymond, 1964(1): 19.  
Trewavas, 1964(1): 110.
- ARGYROSUMUS REGIUS (Asso)  
Tortonese, 1964(1): 103.  
Trewavas, 1964(1): 113.
- ARIIDAE  
Hubbs & Miller, 1960(2): 101.
- ARIOSOMA Swainson  
Rosenblatt, 1958(1): 52.
- ARIOSOMA BALEARICA by Meek  
& Hildebrand, 1923.  
Rosenblatt, 1958(1): 54 (Syn.)
- ARIOSOMA GILBERTI (Ogilby - 1898)—Pacific eel.  
Rosenblatt, 1958(1): 52 (Status & syn.)
- ARIOSOMA VOMERINA Myers & Wade, 1941.  
Rosenblatt, 1958(1): 54 (Syn.)
- ARISTOSTOMIAS SCINTILLANS (Gilbert)  
Aron & McCrery, 1958(3): 180 (N. Pac. Ocean)
- ARIUS DASYCEPHALUS (Günther)  
Krejsa, 1960(4): 333 (Sandwich Isl.)
- ARIUS LIROPUS (Bristol)  
Branson, McCoy & Sisk, 1960(3): 219 (Sonora, Mex.)
- ARIUS MANILLENSIS Cuv. & Val.  
Yapchiongco, 1963(4): 700 (Mouth breeders)
- ARIUS MELANOPUS AGUADULCE (Meek)  
Hubbs & Miller, 1960(2): 101.
- ARIUS MELANOPUS MELANOPUS Günther  
Hubbs & Miller, 1960(2): 101, 107 (Guatemala)
- ARNOGLOSSUS KESSLERI Schmidt  
Slattenenko, 1955(3): 233 (Black Sea)
- ARTHROPHALLUS Hubbs  
Rivas, 1963(2): 331-333 (Tax. - Gambusia subgen.)
- ASCELICHTHYS RHODORUS Jordan & Gilbert  
Krejsa, 1964(2): 448 (B. C.)
- ASELLUS GEORGEVICI  
Kosswig, 1963(2): 239. (Speciation)
- ASELLUS REMYI  
Kosswig, 1963(2): 239. (Speciation)
- ASERAGGODES Kaup, 1858.  
Weed, 1961(3): 293.
- ASERAGGODES OCELLATUS Weed, 1961.  
Weed, 1961(3): 293 (Ceylon).
- ASPASMA MINIMA (Döderlein)  
Briggs, 1962(4): 852 (Amani Isl.)
- ASPASMICHTHYS CICONIAE (Jordan & Fowler)  
Briggs, 1962(4): 852 (Amani Isl.)
- ASPER Schaefer, 1761.  
Collette, 1963(4): 617 (Tax.)
- ASPERULUS Klein, 1774.  
Collette, 1963(4): 617 (Tax.)
- ASPERULUS Schaefer, 1761.  
Collette, 1963(4): 617 (Tax.)
- ASPIDONTUS DASSON Jordan & Snyder, 1902.  
Springer, 1963(2): 453 (Syn.)
- ASPIDOPHOROIDES OLRIKI Lütken  
Gordon & Backus, 1957(1): 20 (Labrador)
- ASPRO Cuv. in Cuv. & Val., 1828.  
Collette, 1963(4): 616 (Syn.)
- ASPRO Commerson in Lac., 1803.  
Collette, 1963(4): 616 (Tax.)
- ASPRO ASPER (Gesner)  
Collette, 1963(4): 616 (Tax.)
- ASPRO STREBER (Siebold)  
Slattenenko, 1955(3): 234 (Black Sea)  
Collette, 1963(4): 616 (Tax.)
- ASPRO ZINGEL (Linn.)  
Slattenenko, 1955(3): 234 (Black Sea)  
Collette, 1963(4): 616 (Syn.)
- ASTRONESTHES CYANEUS (Brauer)  
Gibbs & Aron, 1960(2): 134.
- ASTRONESTHES FILIFER Regan & Trewavas  
Gibbs & Aron, 1960(2): 134.

- ASTRONESTHES NIGER** Richardson  
 Gibbs & Aron, 1960(2): 134.  
**ASTRONESTHES NIGROIDES** Gibbs  
 & Aron, 1960.  
 Gibbs & Aron, 1960(2): 134 (E.  
 North Pacific)  
**ASTRONESTHES RICHARDSONI**  
 (Poey)  
 Gibbs & Aron, 1960(2): 134.  
**ASTRONESTHES SPLENDIDUS**  
 Gibbs & Aron, 1960(2): 134.  
**ASTRONESTHIDAE**  
 Gibbs & Aron, 1960(2): 134.  
**ASTRONOTUS OCELLATUS**  
 (Agassiz)  
 Deacon et al, 1964(2): 386 (Nev.)  
**ASTROSCOPUS GUTTATUS** (Abbott)  
 Mees, 1962(2): 462.  
**ASTROSCOPUS Y-GRACECUM**  
 Cuvier. — Southern Stargazer  
 Nelson, 1960(2): 131 (Lateral-  
 line nerve)  
 Dawson, 1962(4): 837 (Partial  
 albinism)  
 Dawson, 1962(4): 838 (Partial  
 albinism)  
 Moe, 1963(4): 703.  
**ASTYANAX FASCIATUS** (Cuv.)  
 Robinson, 1959(3): 255 (Lower  
 Rio Grande)  
**ASTYANAX MEXICANUS** (Filippi)  
 — Mexican Tetra  
 Sadoglu, 1956(2): 113 (Mexico)  
 John, 1957(2): 123 (Behavior of  
 blind fish)  
 Breder, 1957(2): 133 (Fossiliza-  
 tion exper.)  
 Baslow & Nigrelli, 1961(1): 10.  
 Gordon & Rosen, 1962(2): 365.  
 Breder, 1962(3): 562 (Trans-  
 parency in eggs & larvae).  
 Kosswig, 1964(1): 72 (Polymor-  
 phism).  
**ASYMMETRON LUCAYANUM**  
 Andrews  
 Dawson, 1964(1): 229 (Red Sea).  
**ATELEOPIDAE**  
 Kanazawa, 1957(3): 235.  
**ATELOPUS** Schlegel  
 Walters, 1963(2): 456 (Tax.)  
**ATHERESTHES STOMIAS** (Jordan &  
 Gilbert)  
 Batts, 1964(4): 668 (Lepidology)  
**ATHERINA** Linn.  
 Hewitt et al, 1963(2): 296.  
 (Muscle proteins)  
**ATHERINA HARRINGTONENSIS**  
 Goode  
 Gosline, 1961(3): 266 (Caudal  
 skeleton)  
**ATHERINA PRESBYTER** Cuv. & Val.,  
 1837.  
 Slattenenko, 1955(3): 234.  
**ATHERINA VALENCIENNESI** Bleeker.  
 De Beaufort, 1964(1): 62 (Indo-  
 Australia Archipelago)  
**ATHERINIDAE**  
 Behnke & Wetzel, 1960(2): 143  
 (Conn.)  
 Rubinoff, 1961(2): 242 (Artificial  
 hybridization)  
 Gosline, 1961(3): 265 (Caudal  
 skeleton)  
**ATHERINOPS AFFINIS AFFINIS**  
 (Ayres, 1860).  
 Peden & Stewart, 1964(1): 239  
 (B. C.)  
**ATHERINOPS AFFINIS LITTORALIS**  
 Ayres  
 Carpelan, 1961(1): 37 (Salinity  
 tolerance)  
**ATHERINOPSIS CALIFORNIENSIS**  
 Halkett, 1913.  
 Peden & Stewart, 1964(1): 240.  
**ATOPICHTHYS LONGIDENS** Garman,  
 1899.  
 Orton, 1964(2): 439 (Pacific O. -  
 syn.)  
**AULICHTHYS JAPONICUS** Regan  
 Limbaugh, 1962(3): 549.  
**AULORHYNCHIDAE**  
 Limbaugh, 1962(3): 549.  
**AULORHYNCHUS FLAVIDUS** Gill  
 — Tubenose, Tube-snout.  
 Orton, 1955(2): 144 (Color varia-  
 tion of eggs)  
 Limbaugh, 1962(3): 549 (Life hist.  
 & Ecol.)  
 Krejsa, 1964(2): 448-449.  
**AURATA AURATA** (Linn.)  
 Slattenenko, 1955(3): 233 (Black  
 Sea)  
**AURELIA AURITA** (Linn.)  
 Mansueti, 1963(1): 52. (Symbiosis  
 with fish)  
**AUXIS THAZARD** (Lac.) — Frigate  
 Mackerel  
 Mather & Gibbs, 1957(3): 243 (N.  
 Atl.)  
 Briggs, 1960(3): 177 (Circumtropi-  
 cal)  
**AVOCETTINA** Jordan & Davis  
 Böhlke & Cliff, 1956(2): 95.

AVOCETTINA SCHMIDTI [lapsus].

Böhlke & Cliff, 1956(2): 95.

AVOCETTINOPS Roule & Bertin, 1929.

Böhlke & Cliff, 1956(2): 95 (Tax.)

Branson & Moore, 1962(1): 60

(Acoustico-lateralis system)

AVOCETTINOPS NORMANI Bertin

Böhlke & Cliff, 1956(2): 98. (Tax.)

AVOCETTINOPS SCHMIDTI Roule

& Bertin, 1929.

Böhlke & Cliff, 1956(2): 95.

**B**

BADIS BADIS (Hamilton - Buchanan)

Barlow, 1962(2): 34¢ (Sexual behavior)

Yapchiongco, 1963(4): 701 (Spawning habits)

BAGARIUS BAGARIUS (Hamilton)

—Catfish

Mithel, 1964(4): 673 (Cranial nerves).

BAGRE Catesby

Jayaram, 1956(4): 248 (Invalid)

BAGRE Cuvier emend. Oken (1817).

Jayaram, 1956(4): 248 (Nomencl.)

BAGRE MARINUS (Mitchill)

—Catfish

Hubbs & Miller, 1960(2): 107 (Guatemala)

BAGRIDAE

Jayaram, 1956(4): 248 (Nomencl.)

BAGRUS Val., 1839.

Jayaram, 1956(4): 249 (Tax.)

BAIRDIELLA CHRYSURA (Lac.)

—Silver Perch

Gunter, 1957(1): 14 (In fresh water)

Joseph et al, 1964(2): 426 (Eggs)

BALISTES Linn.

Randall, 1964(2): 331.

BALISTES CAROLINENSIS Gmelin

Tortonese, 1964(1): 100 (Med.)

BALISTES FORCIPATUS Gmelin

Tyler, 1962(4): 794, 796.

BALISTES HISPIDUS Lac., 1798

(non Linn.)

Randall, 1964(2): 333 (Syn.)

BALISTES SANDWICHIENSIS Quoy

& Gaimard, 1824.

Randall, 1964(2): 353 (Syn.)

BALISTES SCOPAS Cuv.

Randall, 1964(2): 333 (Tax.).

BALISTES VETULA Linn.

Winn et al, 1964(2): 414 (Sounds)

BALISTIDAE

Briggs, 1960(3): 179.

Randall, 1964(2): 331.

BARBUS ARULIUS Günther, 1868.

(non Jerdon)

Silas, 1956(3): 194 (Tax.)

BARBUS FASCIATUS Bleeker, 1853.

Silas, 1956(3): 194 (Tax. = Puntius eugrammus Silas).

BARBUS FLUVIATILIS Agassiz

Bardach, Winn & Menzel, 1959(2): 138.

BARBUS GRAYI Day, 1867.

Silas, 1956(3): 194 (Tax.)

BARBUS MELANAMPYX Day, 1876.

Silas, 1956(3): 194 (Tax.)

BARBUS MELANAMPYX Hora &

Law, 1941.

Silas, 1956(3): 194 (Tax.)

BARBUS STIGMA (Cuv. & Val.)

Qayyam & Qasim, 1962(2): 467 (Food of Indian murrell).

BARILIUS CHRISTYI Boul., 1920.

—Lampnose Characin

Baslow & Nigrelli, 1961(1): 10.

BATHOPHILUS ATER A. Brauer,

1902.

Aron & McCrery, 1958(3): 183.

BATHOPHILUS FILIFER Garman,

1899.

Aron & McCrery, 1958(3): 183.

BATHOPHILUS FLEMINGI Aaron &

McCrery, 1958.

Aron & McCrery, 1958(3): 181 (N.

Pac. Ocean)

BATHOPHILUS INDICUS A. Brauer,

1902.

Aron & McCrery, 1958(3): 183.

BATHOPHILUS LONGIPES Regan &

Trew., 1930.

Aron & McCrery, 1958(3): 183.

BATHOPHILUS LONGIPINNIS

Pappenheim, 1914.

Aron & McCrery, 1958(3): 183.

BATHYDRACO WOHLSCHLAGI De Witt

& Tyler, 1960.

De Witt, 1962(4): 832 (Antarctica)

BATHYDRACONIDAE

De Witt, 1964(3): 496.

BATHYGADUS VAILLANTI Roule &

Angel

Marshall, 1964(1): 87.

BATHYGOBIUS Bleeker

Savage, 1963(2): 324. (Reproductive habits)

BATHYGOBIUS SOPORATOR (Cuv. &

Val.)

- BATHYGOBIUS SOPORATOR (continued)  
Sundararaj, 1958(4): 290 (Seminal vesicles)
- BATHYLAGIDAE  
Berry, 1964(2): 377 (Upper Jaw Bones)
- BATHYLYCHNOPS Cohen, 1958.  
Cohen, 1960(2): 147 (New records)  
Berry, 1964(2): 379 (Upper Jaw Bones)
- BATHYLYCHNOPS EXILIS Cohen, 1958.  
Gibbs & Aron, 1960(2): 136 (Pac. O. - Cohen msc.)  
Cohen, 1960(2): 147 (New records)
- BATHYPTEROIS DUBIUS Vaillant  
Tortonese, 1964(1): 101, 105. (Med.)
- BATHYPTEROIS MEDITERRANEUS  
Tortonese, 1964(1): 101, 105. (Med.)
- BATHYPTEROIS MEDITERRANEUS ALGERIENSIS  
Tortonese, 1964(1): 105 (Med.)
- BATRACHOIDES Lac.  
Tortonese, 1964(1): 101.
- BATRACHOIDES DIDACTYLUS  
Tortonese, 1964(1): 101 (Med.)
- BATRACHOIDES GOLDMANI  
Evermann & Goldsborough  
Hubbs & Miller, 1960(2): 101.
- BATRACHOIDIDAE  
Cahn & Shaw, 1962(1): 111 (Cupulae).
- BATRACHUS Jordan & Gilbert  
Kapoor, 1961(2): 179 (Sensory canals)  
Cahn & Shaw, 1962(1): 111 (Cupulae - Opsanus)
- BDELLOSTOMA Günther  
Strahan, 1962(2): 471.
- BEAUFORTIA Hora, 1932.  
Inger & Chin, 1961(2): 168.
- BELONE Cuvier, 1817. — Needlefish  
Berry & Rivas, 1962(1): 153.  
Orton, 1964(1): 146.
- BELONE ALMEIDA Quoy & Gaimard, 1824.  
Berry & Rivas, 1962(1): 155 (Syn. - Bay of Rio de Janeiro).
- BELONE ALTIPINNA Poey, 1861.  
Berry & Rivas, 1962(1): 155 (Syn. - Cuba).
- BELONE ARDEOLA Val., in Cuv. & Val., 1846.  
Berry & Rivas, 1962(1): 155 (Syn. - Puerto Rico)
- BELONE ARGALA LeSueur  
Berry & Rivas, 1962(1): 152 (W. Atl.)
- BELONE BELONE Häckel  
Orton, 1964(1): 146 (Eggs)
- BELONE CARRIBBAEUS LeSueur.  
Berry & Rivas, 1962(1): 155 (Syn. - Caribbean Sea)
- BELONE CIGONELLA Val. in Cuv. & Val., 1846.  
Berry & Rivas, 1962(1): 155 (Syn. - Puerto Rico).
- BELONE CRASSA Poey, 1861.  
Berry & Rivas, 1962(1): 155 (Syn. - Cuba).
- BELONE DEPRESSA Poey, 1860.  
Berry & Rivas, 1962(1): 155 (Syn. - Cuba).
- BELONE DIPLOTAENIA Cope, 1871.  
Berry & Rivas, 1962(1): 155 (Syn. - St. Martin, W.I.)
- BELONE GALEATA Val. in Cuv. & Val., 1846.  
Berry & Rivas, 1962(1): 155 (Syn. - Cayenne).
- BELONE GERANIA Val. in Cuv. & Val., 1846.  
Berry & Rivas, 1962(1): 155 (Syn. - Martinique).
- BELONE HIANIS Val. in Cuv. & Val., 1846. — Flat Needlefish  
Berry & Rivas, 1962(1): 155 (Syn. - Havana).  
Briggs, 1964(4): 707 (Pacific O.)
- BELONE IMPERIALIS  
Tortonese, 1964(1): 100 (Med.)
- BELONE JONESI Goode, 1877.  
Berry & Rivas, 1962(1): 155 (Syn. - Bermuda).
- BELONE LATIMANA Poey, 1861.  
Berry & Rivas, 1962(1): 155 (Syn. - Havana).
- BELONE MACULATA Poey, 1861.  
Berry & Rivas, 1962(1): 155 (Syn. - Cuba).
- BELONE MELANOCHIRA Poey, 1861.  
Berry & Rivas, 1962(1): 155 (Syn. - Cuba).
- BELONE MICROPS Günther, 1866.  
Berry & Rivas, 1962(1): 155 (Syn. - Surinam).

- BELONE NOTATA** Poey, 1861.  
Berry & Rivas, 1962(1): 155 (Syn. - Cuba).
- BELONE RAPHIDOMA** Ranzani, 1842.  
Berry & Rivas, 1962(1): 155 (Syn. - Brazil).
- BELONE SCUTATOR** Girard, 1859.  
Berry & Rivas, 1962(1): 155 (Syn. - Texas).
- BELONE SUBTRUNCATA** Poey, 1860.  
Berry & Rivas, 1962(1): 155 (Syn. - Havana).
- BELONE TRUNCATA** Le Sueur, 1821.  
Berry & Rivas, 1962(1): 155 (Syn. - N. Y. Bay).
- BELONE VULGARIS** Flem.  
Orton, 1964(1): 146.
- BELONESOX** Kner  
Rivas, 1963(2): 333. (Tax.)
- BELONESOX BELIZANUS** Kner.  
Rosen & Mendelson, 1960(3): 204 (Sensory canals)  
Rosen & Tucker, 1961(2): 202 (Sex behavior in viviparous fishes)  
Rivas, 1963(2): 334.
- BELONIDAE**—Needlefish  
Berry & Rivas, 1962(1): 152 (W. Atl.)
- BENTHALBELLA** Zugmayer  
Berry, 1964(2): 380 (Upper Jaw Bones).
- BENTHOBATIS MARCIDA** Bean & Weed.—Deep-sea Electric Ray  
Daiber, 1959(1): 74 (Atlantic)
- BENTHOPHILOIDES** Beling & Iljin, 1927.  
Slastenenko, 1955(3): 234.
- BENTHOPHILUS** Eichw.  
Slastenenko, 1955(3): 234.
- BENTHOPHILUS STELLATUS** (Sauvage)  
Slastenenko, 1955(3): 233 (Black Sea)
- BENTHOSEMA** Goode & Bean  
Wisner, 1963(1): 24. (Tax.)
- BENTHOSEMA GLACIALE GLACIALE** (Reinhardt)—Lanternfish  
Tortonese, 1964(1): 102, 104 (Atl. O.)
- BENTHOSEMA GLACIALE THORI**—Lanternfish  
Tortonese, 1964(1): 104. (Med.).
- BENTHOSEMA SUBORBITALE** (Gilbert)  
Briggs, 1960(3): 175 (Circumtropical)
- BERYX DECACTYLUS** Cuvier & Val.  
Woods, 1957(4): 299.  
Scattergood, 1958(3): 231 (W. N. Atl.)
- BERYX SPLENDENS** Lowe  
Woods, 1957(4): 298 (Gulf of Mexico & distrib)  
Scattergood, 1958(3): 231 (W. N. Atl. records)
- BETTA SPLENDENS** Regan  
Barlow, 1962(2): 358.
- BETTA TAENIATA** Regan, 1909.  
Barlow, 1962(2): 358.
- BHAVANIA ANNANDALEI** Hora  
Saxena, 1961(4): 472.
- BLENNECHIS FASCIOLATUS** Valenciennes  
Springer, 1963(2): 453 (Tax.)
- BLENNIINAE**  
Krejsa, 1960(4): 323 (Key to genera)
- GLENNIOLUS** Jordan & Evermann, 1898.  
Krejsa, 1960(4): 322-323 (E. Trop. Pacif.)
- BLENNIOLUS BREVIPINNIS** (Günther, 1861)  
Krejsa, 1960(4): 322, 331 (Tax.)
- BLENNIOLUS PROTEUS** Krejsa, 1960.  
Krejsa, 1960(4): 326 (Isla Socorro)
- BLENNIUS** Linn.  
Tortonese, 1964(1): 101 (Med.).
- BLENNIUS BREVIPINNIS** Günther, 1861.  
Krejsa, 1960(4): 323 (Type of *Blenniulus*)
- BLENNIUS CANEVAE** Vincig.  
Tortonese, 1964(1): 106 (Med.).
- BLENNIUS FLUVIATILIS** Asso  
Tortonese, 1964(1): 106 (Med.)
- BLENNIUS GALERITA** Linn.  
Tortonese, 1964(1): 106 (Med.).
- BLENNIUS GATTORUGINAE** Bl.  
Slastenenko, 1955(3): 234.  
Tortonese, 1964(1): 106 (Med.).
- BLENNIUS KNIPOWITSCHI** (Slastenenko)  
Slastenenko, 1955(3): 233 (Black Sea)
- BLENNIUS OCELLARIS** Linn.  
Tortonese, 1964(1): 106 (Med.).

- BLENNIUS PALMICORNIS** Cuv. & Val.  
Tortonese, 1964(1): 106 (Med.).
- BLENNIUS PAVO** Risso  
Tortonese, 1964(1): 103 (Med.).
- BLENNIUS PHOLIS** Linn.  
Slattenenko, 1955(3): 234.  
Breder, 1962(3): 562 (Transparency in eggs & larvae).
- BLENNIUS PONTICUS** (Slattenenko)  
Slattenenko, 1955(3): 233 (Black Sea)
- BLENNIUS SANGUINOLENTUS** Pallas  
Tortonese, 1964(1): 106 (Med.).
- BLENNIUS SMYRNAENSIS** Cuv. & Val.  
Tortonese, 1964(1): 102 (Med.).
- BLENNIUS SPHINX** Cuv. & Val.  
Tortonese, 1964(1): 106 (Med.).
- BLENNIUS TRIGLOIDES** Cuv. & Val.  
Tortonese, 1964(1): 106 (Med.).
- BLENNIUS TRUNCATUS** Forster, 1844.  
Springer, 1962(2): 433 (Tax.).
- BLENNIUS TRUNCATUS** Poey, 1861.  
Springer, 1962(3): 432 (Syn. - homonym).
- BLENNOPHIS** Swainson, 1839.  
Springer, 1962(2): 426-427 (Clinidae).
- BLENNOPHIS** Val., in Webb & Berthelot, 1843.  
Springer, 1962(2): 426 (Genus preoccupied).
- BLENNOPHIS WEBBI** Val. in Webb & Berthelot, 1843.  
Springer, 1962(2): 426, 432 (Syn. - Canary Isl.)
- BOLEOSOMA CAMURUM** Forbes in Jordan, 1878.  
Smith & Bridges, 1960(3): 254 (Type)
- BOLEOSOMA NIGRUM EULEPIS** Hubbs & Greene  
Dymond, 1964(1): 21 (Canada).
- BOLEOSOMA NIGRUM NIGRUM** (Raf.)  
Dymond, 1964(1): 21 (Canada).
- BOOPS BOOPS** (Linn.)  
Slattenenko, 1955(3): 233 (Black Sea)
- BOOPS SALPA** (Linn.)  
Tortonese, 1964(1): 100 (Med.).
- BOREOGADUS SAIDA** (Lepechin) — Polar tomcod  
Musacchia, Sullivan & Wilber, 1957(1): 10 (Liver & muscle lipids, Arctic)  
Gordon & Backus, 1957(1): 19 (Labrador)
- BOTHIDAE** — Lefteye Flounder  
Woods, 1961(2): 192.  
Dawson, 1962(1): 145.  
Batts, 1964(4): 671 (Lepidology).
- BOTHRAGONUS SWANI** (Steindachner)  
Houck, 1958(1): 57 (Calif.)
- BOTHROCARA** Bean, 1891.  
Bayliff, 1959(1): 78.
- BOTHROCARA BRUNNEUM** (Bean, 1891)  
Bayliff, 1959(1): 79.
- BOTHRACARA MOLLE** Bean, 1891.  
Bayliff, 1969(1): 79 (Mex. to Alaska)
- BOTHRACARA PUSILLUM** (Bean, 1891)  
Bayliff, 1959(1): 78-79.
- BOTHROCARA REMIGERUM** Gilbert  
Bayliff, 1959(1): 79.
- BOTHUS ATLANTICUS**  
Colton, 1961(3): 276 (Distribution)
- BOTHUS MANCUS** (Broussonet)  
Batts, 1964(4): 671 (Lepidology).
- BOTHUS MELLISSI** (Norman)  
Colton, 1961(3): 276 (Distribution)
- BOTHUS OCELLATUS** (Agassiz)  
Colton, 1961(3): 275 (Distribution)  
Breder, 1962(3): 565 (Transparency in larvae).
- BOTHUS PODAS** (De Laroche)  
Colton, 1961(3): 276 (Distribution)
- BOULENGERELLA LUCIUS** — Pike-characid  
Myers, 1964(1): 38.
- BRANCHIOSTOMA LANCEOLATUM** (Pallas)  
Tortonese, 1964(1): 103 (Med.).
- BRACHYDANIO RERIO** (Ham. - Buch.) — Zebra Fish  
Legault, 1958(4): 328 (Control of daily spawning)
- Breder, 1962(3): 562** (Transparency in eggs & larvae).  
Hisaoka & Firlit, 1962(4): 788 (Ovarian cycle & egg prod.)
- BRACHYISTIUS FRENATUS** (Gill) — Kelp Perch  
Limbaugh, 1962(3): 552.
- BRACHYPLATYSTOMA FILAMENTOSUM** (Licht.) — Lau-lau  
Migdalski, 1957(1): 56.



**BRACHYRHAPHIS EPISCOPI** (Steindachner)  
Turner, 1957(3): 195.  
Hewitt et al, 1963(2): 298  
(Muscle proteins)  
**BRACHYRHAPHIS OLOMINA** (Meek)  
Rosen & Mendelson, 1960(3):  
204 (Sensory canals)  
**BRAMA BRAMA** (Bonnaterre)  
—Common Pomfret  
Briggs, 1960(3): 177 (Circum-  
tropical)  
**BRAMA RAI** (Bloch)  
Briggs, 1960(3): 177.  
**BRAMIDAE**  
Briggs, 1960(3): 177.  
**BRANCHIOICA BERTONII**  
Eigenmann  
Kelley & Atz, 1964(4): 702.  
**BRANCHIOSTOMA ARABIAE**  
Webb.  
Dawson, 1964(1): 229 (Persian  
Gulf).  
**BRANCHIOSTOMA CARIBAEUM**  
Sandeval  
Dawson, 1961(2): 242 (La.  
record)  
Chávez, 1964(4): 705 (Gulf of  
Mex.)  
**BRANNERELLA** Gilbert  
Springer, 1961(4): 482.  
**BREVOORTIA** Gill  
Myers, 1964(1): 41.  
Svetovidov, 1964(1): 123.  
**BREVOORTIA GUNTERI** Hilde-  
brand  
Gunter & Demoran, 1961(1): 42.  
**BREVOORTIA PATRONUS** Goode  
—Gulf Menhaden  
Gunter & Demoran, 1961(1): 39  
(Lateral lines).  
Gunter & Ward, 1961(4): 458  
(Extreme injuries)  
Breder, 1962(2): 460 (Effects  
of hurricane)  
**BREVOORTIA SMITHI** Hildebrand  
Gunter & Demoran, 1961(1): 42.  
Breder, 1962(2): 461 (Effects of  
hurricane)  
**BREVOORTIA TYRANNUS** (Latrobe)  
—Atlantic menhaden  
Gunter, 1957(1): 14 (In fresh  
water, Va.)  
Deubler, 1958(2): 115 (Postlarvae)  
Behnke & Wetzel, 1960(2): 142  
(Conn.)

**BREVOORTIA TYRANNUS** (continued)  
Gunter & Demoran, 1961(1): 42.  
Hess, 1961(2): 239 (Food of rays)  
Sindermann & Honey, 1963(3): 534  
(Hemoglobins)  
Svetovidov, 1964(1): 124.  
**BROSME BROSME** (Müller)—Cusk  
Mansueti, 1963(1): 54. (Symbiosis  
with jellyfish)  
**BROTULIDAE**  
Cohen, 1961(3): 288.  
**BROTULOIDES** Robins, 1961.  
Robins, 1961(2): 214 (Lower Calif.)  
**BROTULOIDES EMMELAS** (Gilbert)  
Robins, 1961(2): 215 (Lower Calif.)  
Robins, 1962(3): 487, 497.  
**BRYCHAETUS** Agassiz  
De Beaufort, 1964(1): 64. (N. Afr.)  
**BUBYR** Iljin, 1930.  
Slashtenenko, 1955(3): 234.

C

**CABILLUS LACERTOPS** Smith, 1959.  
Robins & Böhlke, 1961(1): 46.  
**CAECOBAREBUS** Boul.  
Cahn & Shaw, 1962(1): 110 (Cupulæ)  
**CAECULA PLATYRHYNCHA** Gosline  
—Burrowing eel  
Gosline & Strasburg, 1956(1): 16  
(Maturation - Hawaii)  
**CAESIO CHRYSOZONA** Cuv. & Val.  
Herre, 1955(3): 224.  
**CAESIO COERULAUREUS** Lac.  
Herre, 1955(3): 223.  
**CAESIO DIAGRAMMA** Bleeker  
Herre, 1955(3): 223.  
**CAESIO PISANG** Bleeker  
Herre, 1955(3): 223.  
**CALAMUS** Swainson  
Robins & DeSylva, 1964(3): 589.  
**CALAMUS BAJONADO** (Bloch &  
Schneider)—Jolthead Porgy  
Morrow, 1956(3): 194 (R.I.)  
**CALLICHTHYS** Linn.  
Kapoor, 1961(2): 179. (Sensory  
canals)  
**CALLICHTHYS LITTORALIS** Hancock—  
Hassar  
Migdalski, 1957(1): 55.  
**CALLIDULUS** Fowler, 1907.  
Tortonesi, 1961(4): 471 (Tax.)  
**CALLIONYMIDAE**  
Briggs & Berry, 1959(2): 126.  
**CALLIONYMUS** Linn.—Dragonet.  
Böhlke & Cohen, 1957(2): 159  
(E. Pacific species)

- CALLIONYMUS (continued)  
 Tortonese, 1964(1): 101 (Med.).
- CALLIONYMUS ATRILABIATUS  
 Garman, 1899.  
 Bohlke & Cohen, 1957(2): 159  
 (Columbia - E. Pacific)
- CALLIONYMUS BELENUS (Risso)  
 Slastenenko, 1955(3): 234 (Black Sea)
- CALLIONYMUS FESTIVUS (Pallas)  
 Slastenenko, 1955(3): 234 (Black Sea)
- CALLIONYMUS FILAMENTOSUS  
 Cuv. & Val.  
 Tortonese, 1964(1): 103.
- CALLIONYMUS GARTHI Seale, 1940.  
 Bohlke & Cohen, 1957(2): 150  
 (Syn.)
- CALLIONYMUS HIMANTOPHORUS  
 Goode & Bean.  
 Briggs & Berry, 1959(2): 123.
- CALLIONYMUS LYRA (Linn.)  
 Slastenenko, 1955(3): 234 (Black Sea)
- CALOTOMUS SPINIDENS (Quoy & Gaimard)—Parrotfish.  
 Briggs, 1964(4): 707 (Transpacific shores)
- CALOTOMUS XENODON Gilbert  
 Briggs, 1964(4): 707.
- CAMPOSTOMA Agassiz  
 Branson, 1962(3): 538.
- CAMPOSTOMA ANOMALUM ANOMALUM (Raf.)—Stoneroller  
 Pfeiffer, 1955(2): 96 (N. Y.)  
 Hemphill, 1957(1): 53 (Lower Miss. R.)  
 Reed, 1957(3): 250 (N. Pa.)  
 Stegman & Minckley, 1959(4): 341. (Ill.)  
 Kuehne & Bailey, 1961(1): 4.  
 Distler & Metcalf, 1962(3): 560 (Ark.)  
 Smith, 1963(2): 254. (E. Illinois)  
 Smith, 1963(2): 279. (Pleistocene-S. W. Kansas)
- CAMPOSTOMA ANOMALUM PULLUM (Agassiz)—Central Stoneroller Minnow.  
 Reed, 1955(3): 240 (trematode parasite)  
 Reed, 1958(4): 325 (Early life hist. - Pa.)  
 Reed, 1959(2): 162 (N. W. Pa.)  
 Miller, 1962(2): 407 (Reprod. behavior)  
 Smith, 1963(2): 279.
- CAMPOSTOMA ANOMALUM PLUMBUM (Girard)  
 Smith, 1963(2): 279.
- CAMPOSTOMA ANOMALUM PULLUM CHROSOMUS ERYTHROGASTER  
 Smith & Bridges, 1960(3): 253  
 (Hybrid-type)
- CAMPOSTOMA ORNATUM Girard  
 Branson, McCoy & Sisk, 1960(3): 220 (Sonora, Mex.)
- CANTHERHINES Swainson, 1839.  
 — Filefish  
 Randall, 1964(2): 331, 335. (Revision)
- CANTHERHINES ARENACEUS  
 Barnard  
 Randall, 1964(2): 332.
- CANTHERHINES DUMERILI (Hollard, 1854).  
 Randall, 1964(2): 336, **339**.
- CANTHERHINES FRONTICINCTUS (Günther, 1866)  
 Randall, 1964(2): 337, **347**.
- CANTHERHINES LONGIPINNIS (Fraser-Brunner, 1941).  
 Randall, 1964(2): 335, **338**. (Tax.)
- CANTHERHINES MACROCERUS (Hollard)  
 Randall, 1964(2): 331, 336, **343**.
- CANTHERHINES MELANOIDES (Ogilby, 1908)  
 Randall, 1964(2): 337, **353**  
 (Australia)
- CANTHERHINES MULTILINEATUS (Tanaka, 1918).  
 Randall, 1964(2): 336, **346**.
- CANTHERHINES PARADALIS (Rüppell)  
 Randall, 1964(2): 331, 338, **355**  
 (Red Sea).
- CANTHERHINES PULLUS (Ranzani)  
 Randall, 1964(2): 331, 338, **358**  
 (Brazil)
- CANTHERHINES SANDWICHIENSIS (Quoy & Gaimard, 1824).  
 Randall, 1964(2): 338, **353** (Hawaii).
- CANTHERHINES TIKI Randall, 1964.  
 Randall, 1964(2): 337, **350**.  
 (Easter Isl.).
- CANTHERHINES VERECUNDUS (E. K. Jordan, 1925)  
 Randall, 1964(2): 337, **349**.
- CANTHERINE CAROLAE Jordan & McGregor, 1898.  
 Randall, 1964(2): 340 (Syn.).
- CANTHERINES AMPHIOXYS Beebe & Tee Van, 1933 (non Cope).  
 Randall, 1964(2): 343 (Syn.)

- CANTHERINES ARENACEUS**  
Fowler, 1935 (non Barnard).  
Randall, 1964(2): 356 (Syn.)
- CANTHERINES BRUNNEUS**  
Castelnau  
Randall, 1964(2): 357.
- CANTHERINES BRUNNEUS**  
Mc Culloch, 1918.  
Randall, 1964(2): 356 (Syn.)
- CANTHERINES NASUTUS**  
Swainson, 1839.  
Randall, 1964(2): 353 (Syn.).
- CANTHERINES PARDALIS** Fowler,  
1938 (non Rüppell).  
Randall, 1964(2): 340 (Syn.).
- CANTHERINES PULLUS** Beebe &  
Tee Van, 1928.  
Randall, 1964(2): 359 (Syn.).
- CANTHERINES SANDWICHENSIS**  
Jordan & Evermann, 1905.  
Randall, 1964(2): 340, 353 (Syn.).
- CANTHERINES VERECUNDUS**  
E. K. Jordan, 1925.  
Randall, 1964(2): 349 (Syn.).
- CANTHIDERMIS SOBACO** (Poey)  
Dawson, 1962(2): 443 (Gulf of  
Mexico).
- CANTHORHINUS** Agassiz, 1846.  
Randall, 1964(2): 335 (Syn. -  
error for *Cantherhines*).
- CARANGIDAE**  
Briggs, 1960(3): 176.  
Gosline, 1961(3): 265 (Caudal  
skeleton)  
Berry, 1964(2): 382 (Upper Jaw  
Bones)
- CARANGOIDES** Bleeker  
Berry, 1963(3): 584 (Tax.).
- CARANGOIDES FERDAU JORDANI**  
(Nichols)  
Mansueti, 1963(1): 59. (Symbiosis  
with jellyfish)
- CARANX** Lac.  
Miller, 1958(3): 237 (Mexico)  
Hewitt et al, 1963(2): 296.  
(Muscle proteins)  
Tortonese, 1964(1): 101 (Med.).
- CARANX BARTHOLOMAEI** Cuvier  
—Yellow Jack  
Mansueti, 1963(1): 57. (Symbiosis  
with jellyfish)  
Richards, 1963(3): 584 (Va. -  
Ches. Bay)
- CARANX CRYOSOS** (Mitchell)  
—Blue Runner  
Mather & Gibbs, 1957(3): 243  
(N. Atl.)
- CARANX CRYOSOS** (continued)  
Bartlett & Backus, 1962(4): 846.  
Mansueti, 1963(1): 57 (Symbiosis  
with jellyfish)
- CARANX DENTEX** (Bloch & Schneider)  
—Guara  
Briggs, 1960(3): 176 (Circumtropi-  
cal)
- CARANX FASCIATUS** Cuvier in Cuv.  
& Val., 1833.  
Berry, 1963(3): 583 (Nomen nud.).
- CARANX FUSUS** Geoffr.  
Mansueti, 1963(1): 55. (Tax.)  
Tortonese, 1964(1): 100, 102.  
(Med.)
- CARANX HIPPOS** (Linn.)—Jack  
Crevalle  
Bullis, 1955(2): 153 (Gulf of Mexico)  
Mather & Gibbs, 1957(3): 243 (N.  
Atl.)  
Robinson, 1959(3): 256 (Lower Rio  
Grande)  
Briggs, 1960(3): 176 (Circumtropi-  
cal)  
Mansueti, 1963(1): 57. (Symbiosis  
with jellyfish)  
Klawe, 1964(4): 713.
- CARANX IGNOBILIS** Forskal  
Goe & Halstead, 1955(3): 238 (Fish  
poisoning)
- CARANX KALLA** (Cuvier)—Golden  
Jack  
Mansueti, 1963(1): 57. (Symbiosis  
with jellyfish)
- CARANX LATUS** Agassiz  
Mansueti, 1963(1): 57. (Symbiosis  
with jellyfish)
- CARANX LUGUBRIS** (Poey)—Tinosa  
Goe & Halstead, 1955(3): 239  
(Toxicity)  
Briggs, 1960(3): 176 (Circumtropi-  
cal)
- CARANX MATE** (Cuvier)—Omaha  
Jack  
Mansueti, 1963(1): 57. (Symbiosis  
with jellyfish)
- CARANX MEDUSICOLA** (Jordan &  
Starks)—Jellyfish jack  
Mansueti, 1963(1): 57. (Symbiosis  
with jellyfish)
- CARANX MELAMPYGUS** Cuvier  
—Ulva Jack  
Goe & Halstead, 1955(3): 239  
(Toxicity)  
Gosline, 1961(3): 265 (Caudal  
skeleton)  
Mansueti, 1963(1): 57. (Symbiosis  
with jellyfish)

- CARANX SECUNDUS** Poey  
Berry, 1963 (3): 584 (Syn.)
- CARANX SEXFASCIATUS** Quoy & Gaimard  
Goe & Halstead, 1955 (3): 239 (Toxicity)
- CARANX VINCTUS** Jordan & Gilbert  
Berry, 1963 (3): 584.
- CARAPUS ACUS** (Brünnich)  
Orton, 1955 (3): 214 (Eggs)  
Tortonese, 1964 (1): 100.
- CARAPUS HOMEI** (Richardson, 1844)  
Bonham, 1960 (3): 255 (In Sea Cucumber-Marshall Isl.)  
Strasburg, 1961 (4): 478 (Larvae-Hawaii)
- CARAPUS MARGARITIFERA** (Rendahl)  
Strasburg, 1961 (4): 478 (Larvae-Hawaii)
- CARASSIUS** Jarocki  
Harrington, 1955 (4): 271. (Bones)  
Cahn & Shaw, 1962 (1): 110 (Cupulae)
- CARASSIUS AURATUS** (Linn.)  
—Common Goldfish  
Davis, 1955 (3): 207 (Heat transfer)  
Lockley, 1957 (3): 241 (Adrenal cortical Hormones)  
Behnke & Wetzel, 1960 (2): 142 (Conn.)  
Gilbert, 1961 (2): 184 (Hybridization)  
Saksena, 1962 (3): 543.  
Breder, 1962 (3): 562 (Transparency in eggs & larvae)  
Iwai, 1963 (2): 273 (Taste buds)  
Eisler, 1963 (2): 277. (Coloration)  
Deacon et al, 1964 (2): 386 (Nev.)  
Clemens & Johnson, 1964 (2): 389 (Gonadal hydration)  
Kelley & Atz, 1964 (4): 703.
- CARCHARHINIDAE**  
Gilbert & Oren, 1964 (3): 534 (Nictitans)
- CARCHARHINUS FALCIFORMIS** (Bibron in Müller & Henle, 1841).  
—Silky shark  
Garrick, Backus & Gibbs, 1964 (2): 369 (Tax.)
- CARCHARHINUS FLORIDANUS**  
Bigelow, Schroeder & Springer, 1943.  
Garrick, Backus & Gibbs, 1964 (2): 369 (Syn.)
- CARCHARHINUS LAMIA** (Blainville)  
Davies, 1960 (4): 351.
- CARCHARHINUS LEUCAS** (Müller & Henle) —Cub Shark, Bull Shark  
Schwartz, 1959 (3): 251 (Ches. Bay, Md.)
- CARCHARHINUS LEUCAS** (continued)  
Bigelow & Schroeder, 1961 (3): 359 (Tax.)  
Vorenberg, 1962 (2): 455 (Cannibalism-Fla.)  
Essapian, 1962 (2): 457 (Behavior in Captivity).  
Hess, 1962 (3): 654 (N. Atl.)  
Wright & Jackson, 1964 (2): 409 (Conditioning)
- CARCHARHINUS LIMBATUS** (Müller & Henle) —Blacktip shark.  
Briggs, 1960 (3): 173 (Circum-tropical)  
Davies, 1960 (4): 350 (S. Afr.-attack)  
Strasburg, 1963 (1): 38. (Tooth replacement)
- CARCHARHINUS LONGIMANUS** (Poey)  
—Whitetip shark  
Briggs, 1960 (3): 173 (Circum-tropical)  
Hess, 1962 (3): 653 (N. Atl.)
- CARCHARHINUS MELANOPTERUS** (Quoy & Gaimard) —Black-tip shark.  
Bonham, 1960 (3): 257 (Marshall Isl.)  
Tortonese, 1964 (1): 103 (Med.).
- CARCHARHINUS MENISORRAH** (Müller & Henle) —Gray Shark  
Bonham, 1960 (3): 257 (Marshall Isl.)
- CARCHARHINUS NICARAGUENSIS** (Gill & Bransford)  
Bigelow & Schroeder, 1961 (3): 359 (Syn.)
- CARCHARHINUS OBSCURUS** (Le Sueur)  
Garrick, Backus & Gibbs, 1964 (2): 374.  
Tortonese, 1964 (1): 100 (Med.).
- CARCHARHINUS PLUMBEUS** (Jordan & Gilbert)  
Tortonese, 1964(1): 100 (Med.)
- CARCHARIAS TAURUS** Raf.  
—Sand-tiger Shark, Sand Shark, Ragged-tooth-Shark.  
Massmann, 1957(2): 156 (Ches. Bay)  
Davies, 1960(4): 351.  
Boschung, 1962(2): 456 (Fla.)  
Essapian, 1962(2): 457 (Behavior in captivity)
- CARCHARIIDAE**  
Gilbert & Oren, 1964(3): 534 (No Nictitans)
- CARCHARINIDAE**  
Starr & Fosberg, 1957(4): 294.  
Briggs, 1960(3): 173 (Circum-tropical)

- CARCHARODON CARCHARIAS** (Linn.)  
—Great White Shark  
Scattergood & Coffin, 1957 (2): 155 (Gulf of Maine)  
Backus, 1957 (3): 246 (N.W. Atl.)  
Bigelow & Schroeder, 1958 (1): 54 (Mass.)  
Briggs, 1960 (3): 173 (Circum-tropical)  
Backus, 1960 (3): 243 (W. North Atl.)  
Scattergood, 1962 (2): 446 (Maine).  
Scattergood, 1962 (2): 462.  
Skud, 1962 (3): 659 (Measurements-Maine)  
Strasburg, 1963 (1): 38. (Tooth replacement).  
Royce, 1963 (1): 179 (First record-S. E. Alaska)  
Tortonese, 1964 (1): 100 (Med.)
- CAREPROCTUS REINHARDTI** Kroyer  
Walters, 1961 (2): 237 (Eastern Arctic Basin)
- CARLHUBBSIA** Whitley, 1953.  
Hubbs & Miller, 1960 (2): 107.  
Rosen & Mendelson, 1960 (3): 205.
- CARPIODES** Raf.  
Uyeno & Miller, 1962 (2): 340.
- CARPIODES CARPIO CARPIO** (Raf.)  
—Northern river carpsucker  
Personius & Eddy, 1955 (1): 41 (Little Missouri River)  
Robinson, 1959 (3): 255 (Lower Rio Grande)  
Clemens & Johnson, 1964 (2): 390.
- CARPIODES CYPRINUS** (LeSueur)  
—Quillback  
Smith, 1963 (2): 255. (E. Illinois)
- CARPIODES VELIFER** (Raf.)  
—Highfin Carpsucker  
Smith, 1963 (2): 255. (E. Illinois)
- CARRIONELLUS** White, 1927.  
Uyeno & Miller, 1962 (3): 529 (S.A. Tertiary fossil)
- CASPIALOSA** Berg, 1915.  
Gunter & Demoran, 1961 (1): 40.  
Svetovidov, 1964 (1): 118.
- CASPIALOSA BRASHNIKOV** (Borodin)  
Svetovidov, 1964 (1): 118.
- CASPIALOSA BRASHNIKOV**  
**KISSELVITSCHI** (Bulgakov)  
Svetovidov, 1964 (1): 121.
- CASPIALOSA BRASHNIKOV**  
**ORIENTALIS** (Mikhayl.)  
Svetovidov, 1964 (1): 121.
- CASPIALOSA CASPIA CASPIA** (Eichwald)  
Svetovidov, 1964 (1): 118-119.
- CASPIALOSA CASPIA KNIPOWITSCHI** (Iljin)  
Svetovidov, 1964 (1): 119.
- CASPIALOSA CASPIA NORDMANNI** (Antipa)  
Svetovidov, 1964 (1): 119.
- CASPIALOSA CASPIA PERSICA** (Iljin)  
Svetovidov, 1964 (1): 119.
- CASPIALOSA CASPIA SALINA** (Svetovidov)  
Svetovidov, 1964 (1): 119.
- CASPIALOSA CURENSIS** (Suworow)  
Svetovidov, 1964 (1): 118.
- CASPIALOSA KESSLERI KESSLERI** (Grimm)  
Svetovidov, 1964 (1): 118-119.
- CASPIALOSA KESSLERI VOLGENSIS** (Berg)  
Svetovidov, 1964 (1): 119.
- CASPIALOSA MAEOTICA** (Grimm)  
Slastenenko, 1955 (3): 233 (Black Sea)
- CASPIALOSA PONTICA** (Eichwald)  
Slastenenko, 1955 (3): 233 (Black Sea)
- CASPIALOSA SAPOSHNIKOV** (Grimm)  
Svetovidov, 1964 (1): 118.
- CASPIALOSA SPHAEROCEPHALA** (Berg)  
Svetovidov, 1964 (1): 118.
- CASPIALOSA TANAICA** (Grimm)  
Slastenenko, 1955 (3): 233 (Black Sea)
- CASPIALOSA TANAICA NORDMANNI** (Antipa)  
Slastenka, 1955 (3): 233 (Black Sea)
- CASPIOSOMA CASPIUM** (Kessler)  
Slastenenko, 1955 (3): 233 (Black Sea)
- CATLA** Cuv. & Val.  
Hewitt et al, 1963(2): 296. (Muscle proteins)
- CATOPRION MENTO** Cuv.  
Myers, 1964 (1): 38.
- CATOSTOMIDAE**  
Hubbs, 1958 (1): 56 (Position of anal fin & length of body cavity)  
Behnke & Wetzel, 1960 (2): 142 (Conn.)  
Branson & Moore, 1962 (1): 2, 27 (Acoustico-lateralis syst.)  
Uyeno & Miller, 1962 (2): 340 (Pleistocene - Texas)  
Smith, 1962 (3): 509 (Pliocene).
- CATOSTOMITES ALASKENSIS** Schlaikjer, 1937.  
Uyeno & Miller, 1962 (2): 340.

- CATOSTOMUS** LeSueur  
 Uyeno & Miller, 1962 (2): 340.  
 Iwai, 1963 (2): 274. (Taste buds)
- CATOSTOMUS CATOSTOMUS**  
**CATOSTOMUS** (Forster)  
 —Longnose Sucker, Eastern  
 Sturgeon Sucker.  
 Nelson, 1955 (2): 152.  
 Weisel, 1958 (2): 86 (Pituitary on  
 frogs)  
 Behnke & Wetzel, 1960 (2): 141  
 (Mass., N. Y.)  
 Dymond, 1964 (1): 3.
- CATOSTOMUS CATOSTOMUS**  
**NANNOMYZON** Mather —Dwarf  
 Sturgeon Sucker  
 Behnke & Wetzel, 1960 (2): 141  
 (Mass. & N. Y.)
- CASTOSTOMUS COLUMBIANUS**  
 (Eigenmann & Eigenmann)  
 Nelson, 1955 (2): 152.
- CATOSTOMUS COMMERSONI**  
**COMMERSONI** (Lac.) —White  
 Sucker, Largescale.  
 Personius & Eddy, 1955 (1): 41  
 (Little Missouri R.)  
 Pfeiffer, 1955 (2): 96 (N. Y.)  
 Nelson, 1955 (2): 151 (2-3-  
 intervertebral joint)  
 Smith, 1958 (3): 177, 179  
 (Pleistocene—Okla. & Kans.)  
 Reed, 1959 (2): 162 (N. W. Pa.)  
 Macphee, 1960 (2): 120.  
 Behnke & Wetzel, 1960 (2): 142  
 (Conn.)  
 Smith, 1963 (2): 254 (E. Ill.)  
 Smith, 1963 (2): 281 (Pleistocene -  
 Okla. & S. W. Kans.)  
 Knapp et al, 1963(2): 455 (Md.)  
 McCleave, 1964 (3): 506.
- CATOSTOMUS INSIGNIS** Baird & Girard  
 Nelson, 1955 (2): 152.  
 Branson, McCoy & Sisk, 1960 (3): 219  
 (Sonora, Mex.)
- CATOSTOMUS LATIPINNIS** Baird &  
 Girard  
 Miller, 1963 (1): 5. Arizona.
- CATOSTOMUS MACROCHEILUS** Girard  
 —Largescale sucker.  
 Nelson, 1955 (2): 152.  
 Northcote & Hartman, 1959 (2): 157  
 (Br. Col.)  
 Patten, 1960 (1): 72 (Wash.)  
 Macphee, 1960 (2): 119 (Postlarval  
 devel. & diet—Idaho)  
 Nursall, 1963 (2): 459 (Caudal  
 skeleton)
- CATOSTOMUS MICRIPS** Rutter  
 Nelson, 1955 (2): 152.
- CATOSTOMUS OCCIDENTALIS** Ayres  
 Nelson, 1955 (2): 152.  
 Weisel & McLaury, 1964 (4): 687  
 (Ore.)
- CATOSTOMUS RIMICULUS** Gilbert  
 & Snyder  
 Nelson, 1955 (2): 152.
- CATOSTOMUS SYNCHEILUS** Hubbs  
 & Schultz  
 Nelson, 1955 (2): 152.
- CATOSTOMUS WIGGINSI** Herre &  
 Brock  
 Branson, McCoy & Sisk, 1960 (3):  
 219 (Sonora, Mex.)
- CATOSTYLUS MOSAICUS** (Quoy &  
 Gaimard)  
 Mansueti, 1963 (1): 56. (Symbiosis  
 with fish)
- CAULOLATILUS** Gill, 1862.  
 Berry, 1958 (2): 120.
- CAULOLEPIS LONGIDENS** Gill  
 Briggs, 1960 (3): 176.
- CAULOPHYRNE JORDANI** Goode &  
 Bean.  
 Briggs, 1960 (3): 179 (Circum-  
 tropical)
- CENTRARCHIDAE**  
 Eaton, 1956 (3): 196 (Olfactory  
 organs)  
 Behnke & Wetzel, 1960 (2): 143  
 (Conn.)  
 Branson & Moore, 1962 (1): 88.  
 Smith, 1962 (3): 507 (Pliocene)
- CENTRARCHITES** Cockerell.  
 Branson & Moore, 1962 (1): 88  
 (Acoustico-lateralis syst. -  
 Eocene)
- CENTRARCHUS** Cuv. & Val.  
 Branson & Moore, 1962 (1): 15.
- CENTRARCHUS MACROPTERUS**  
 (Lac.)  
 Eaton, 1956 (3): 198 (Olfactory  
 organs)  
 Branson & Moore, 1962 (1): 14  
 (Acoustico-lateralis syst.)
- CENTRARCHIDAE**  
 Briggs, 1960 (3): 178.
- CENTROBRANCHUS NIGROOCELLATUS**  
 (Günther)  
 Briggs, 1960 (3): 175 (Circum-  
 tropical)
- CENTRODRACO ACANTHOPOMA**  
 Regan, 1913.  
 Briggs & Berry, 1959 (2): 127  
 (N. Atl. syn.)



- CENTROLOPHUS NIGER** (Gmelin)  
—Black Ruff  
Mansueti, 1963 (1): 60. (Symbiosis with jellyfish)  
Tortonese, 1964 (1): 100 (S. Afr., Japan).
- CENTROLOPHUS OVALIS** Cuv. & Val.  
Maul, 1964 (1): 94.
- CENTROPOMUS UNIONENSIS** Bocourt  
Gunter, 1957 (1): 14 (In fresh water)
- CENTROPOMUS PECTINATUS** Poey  
Gunter, 1957 (1): 13 (In fresh water—Costa Rica)
- CENTROPOMUS ROBALITO** Jordan & Gilbert  
Gunter, 1957 (1): 13 (In fresh water—El Salvador)
- CENTROPOMUS UNDECIMALIS** (Bloch)  
—Snook  
Harrington, 1958 (1): 2 (Fla.)  
Harrington & Rivas, 1958 (2): 129 (Fla.)  
Vorenberg, 1962 (2): 456 (Fla.)  
Iversen & Tabb, 1962 (3): 547. (Fla.)
- CENTROPRISTIS** Cuv. & Val., 1829  
Briggs, 1960 (4): 358 (Tax.)
- CENTROPRISTIS** Cuv., 1829.  
Briggs, 1960 (4): 358 (Tax.)
- CENTROPRISTIS STRIATUS** (Linn.)  
—Sea Bass  
Walters, 1955 (2): 146.  
Weinreb & Bilstad, 1955 (3): 198.  
Branson & Moore, 1962 (1): 3 (Acoustico-lateralis syst.)  
Liem, 1963 (2): 309 (Sex reversal)
- CENTROPRISTIS SUBLIGARIUS** Cope, 1870.  
Tortonese, 1961 (4): 470 (Affinity)
- CENTROSCYMNUS COELOLEPIS**  
Bocage & Capello  
Tortonese, 1964 (1): 101 (Med.).
- CEPHALEUTHERUS** Raf., 1810.  
Chhappgar, 1964 (3): 587.
- CEPHALOPHOLIS URODELUS** (Cuv. & Val.)  
Gosline, 1961 (3): 265 (Caudal skeleton)
- CEPHALOSCYLLIUM UTER** (Jordan & Gilbert)  
Baldwin, 1961 (4): 475 (Gulf of Calif.)
- CEPHALOSCYLLIUM VENTRIOSUM** (Garman)  
Baldwin, 1961 (4): 475 (Gulf of Calif.)
- CEPHEA CEPHEA** (Forskål)  
Mansueti, 1963 (1): 62. (Symbiosis with fish)
- CEPOLA** Linn.  
Tortonese, 1964 (1): 102.
- CERACANTHUS MONOCEROS** Axelrod & Vorderwinkler, 1963 (Non Linn.)  
Randall, 1964 (2): 356 (Syn.)
- CERATIAS HOLBOELLI** Krøyer  
Shoemaker, 1958 (2): 145.  
Briggs, 1960 (3): 179. (Circum-tropical)
- CERATIIDAE**  
Fast, 1957 (3): 238.  
Briggs, 1960 (3): 179.
- CERATOPTERA** Day, 1878.  
Chhappgar, 1964 (3): 587.
- CERATOSCOPELUS TOWNSENDI** (Eigenmann & Eigenmann)  
Briggs, 1960 (3): 174 (Circum-tropical)
- CENTENGRAULIS MYSTICETUS** (Günther) —Anchovetas  
Hobson, 1963 (3): 595.
- CETOMIMIDAE**  
Richardson & Garrick, 1964 (3): 523.
- CETOPSIS** Agassiz  
Kelley & Atz, 1964 (4): 702.
- CETORHINIDAE**  
Briggs, 1960 (3): 173.  
Gilbert & Oren, 1964 (3): 534 (No nictitans)
- CETORHINUS MAXIMUS** (Gunnerus)  
—Basking shark  
Baldwin, 1961 (4): 476 (Gulf of Calif.)  
Wood, 1957 (2): 153 (Southern extension—Fla.)  
Massmann, 1957 (2): 156 (Ches. Bay).  
Backus, 1957 (3): 246 (N.W. Atl.)  
Briggs, 1960 (3): 173 (Circum-tropical)  
Backus, 1960 (3): 244 (W. North Atl.)  
Tortonese, 1964 (1): 100 (Med.).
- CHAENICHTHYIDAE**  
Miller & Reseck, 1961 (1): 50.
- CHAENOBRYTTUS** Gill  
Branson & Moore, 1962 (1): 13 (Acoustico-lateralis syst.)
- CHAENOBRYTTUS CORONARIUS** (Bartram) —Warmouth Bass  
Dineen & Stokely, 1956 (4): 218 (osteology).  
Branson & Moore, 1962 (1): 9 (Acoustico-lateralis syst.)
- CHAENOBRYTTUS GULOSUS** (Cuvier)  
—Warmouth  
Eaton, 1956 (3): 198 (Nasal organs)  
Robinson, 1959 (3): 255 (Lower Rio Grande)

- CHAENOBRYTTUS GULOSUS (continued)  
 Eddy & Underhill, 1959 (4): 342  
 Minn.)  
 Branson & Moore, 1962 (1): 12, 96.  
 (Acoustico-lateralis syst.)  
 Crossman, 1962 (1): 120 (N.C.).  
 Smith, 1962 (3): 513.  
 Smith, 1963 (2): 255. (E. Illinois)  
 CHAENOBRYTTUS KANSASSENSIS  
 Hibbard, 1936. — Warmouth  
 Smith, 1962 (3): 512 (Pliocene -  
 Kansas).  
 Branson & Moore, 1962 (1): 10.  
 (Acoustico-lateralis syst.)  
 CHAENOCEPHALUS ACERATUS Regan  
 Wohlschlag, 1961 (1): 17.  
 CHAENOMUGIL Gill  
 Ebeling, 1957 (3): 173 (Dentition)  
 Norris & Prescott, 1959 (4): 276.  
 Ebeling, 1961 (3): 295.  
 CHAENOMUGIL PROBOSCIDEUS  
 (Günther, 1861)  
 Ebeling, 1957 (3): 173 (Dentition)  
 Ebeling, 1961 (3): 295.  
 CHAENOPHYRNE PARVICONUS Regan  
 & Trewavas  
 Briggs, 1960 (3): 179 (Circum-  
 tropical)  
 CHAETODIPTERUS FABER  
 (Broussonet) — Spadefish  
 Gunter & Ward, 1961 (4): 456  
 (Extreme injuries).  
 Anderson, 1964 (1): 243-244 (Ga.).  
 Boschung, 1962 (2): 457 (Fla. -  
 Chaetopterus)  
 CHAETODON Linn.  
 Gosline, 1961 (3): 265.  
 CHAETODON AYA Jordon, 1886.  
 Myers, 1959 (2): 158 (Tax. - W. Atl.)  
 Randall, 1961 (1): 54.  
 CHAETODON EQUES Steindachner,  
 1903  
 Myers, 1959 (2): 158 (Syn. - Yucatan)  
 CAETODON FALCIFER Hubbs &  
 Rechnitzer, 1958.  
 Myers, 1959 (2): 158 (Pac. coast of  
 Mexico)  
 CHAETODON LONGIROSTRIS  
 Broussonet, 1782.  
 Randall, 1961 (1): 55 (Syn.)  
 Wheeler, 1964 (1): 168.  
 CHAETODON MARCELLAE Poll  
 Myers, 1959 (2): 158 (W. Afr.)  
 CHAETODON MILIARIS Quoy &  
 Gaimard  
 Brock, 1956 (3): 196 (Hawaii)  
 CHAETODON OCELLARIS (Bloch)  
 — Spottin Butterfly Fish  
 Collins & Smith, 1959 (3): 252  
 (Miss.)  
 Richards, 1963 (3): 584 (Ches. Bay)  
 CHAETODON SEDENTARIUS Poey  
 — Butterfly Fish  
 Collins & Smith, 1959 (3): 252  
 (Miss.)  
 CHAETODONTIDAE  
 Wheeler, 1964 (1): 165 (Forcipiger)  
 CHALCALBURNUS CHALCOIDES  
 (Guldenstadt)  
 Slatenenko, 1955 (3): 234 (Black  
 Sea)  
 CHALCEUS MACROLEPIDOTUS Cuv.  
 Myers, 1964 (1): 38  
 CHALINURA MEDITERRANEA  
 Giglioli  
 Tortonese, 1964 (1): 101 (Med.).  
 CHAMPSOCEPHALUS GUNNARI  
 Wohlschlag, 1961 (1): 17.  
 CHANIDAE  
 Berry, 1964 (2): 377 (Upper Jaw  
 Bones)  
 CHANNA Scopoli, 1777.  
 Briggs, 1961 (2): 163-164. (Tax.).  
 CHANOS Lac.  
 Harrington, 1955 (4): 286 (Bones)  
 Carpelan, 1961 (1): 32.  
 Berry, 1964 (2): 377 (Upper Jaw  
 Bones).  
 CHANOS CHANOS (Forskål)  
 — Milkfish  
 Juliano & Rabanal, 1963 (1): 180.  
 (Tolerance of fingerlings to  
 decreased salinity).  
 CHARACIDAE  
 Böhlke & Grant, 1960 (3): 255.  
 Cahn & Shaw, 1962 (1): 110  
 (Cupulae)  
 CHASCANOPSETTA LUGUBRIS  
 Alcock — Flounder  
 Deubler & Rathjen, 1958 (2): 132  
 (W. Atl.)  
 CHASCANOPSETTA LUGUBRIS DANAE  
 Brunn  
 Deubler & Rathjen, 1958 (2): 132.  
 CHASCANOPSETTA PRORIGERA  
 Gilbert  
 Deubler & Rathjen, 1958 (2): 132  
 (W. Atl.)  
 CHASMISTES Jordan  
 Uyeno & Miller, 1962 (2): 340.  
 CHASMODES SABURRAE Jordan &  
 Gilbert.  
 Breder, 1962 (2): 460 (Effects of  
 hurricane).

- CHAU LIODUS MACOUNI Bean  
Aron & McCrery, 1958 (3): 180  
(N. Pac. Ocean)
- CHEILIO INERMIS (Forskål)  
Gosline, 1961 (3): 265 (Caudal  
skeleton)
- CHEILLOTREMA Tschudi  
McPhail, 1961 (1): 28 (Tax.)
- CHEILODOCTYLIDAE  
Nielson, 1963 (3): 528.
- CHEILODOCTYLUS Lacepede, 1803.  
Nielson, 1963 (3): 532.
- CHEILODOCTYLUS ELONGATUS  
Hildebrand, 1946.  
Nielson, 1963 (3): 528 (Syn.), 533.
- CHEILODOCTYLUS VARIEGATUS Val,  
in Cuv. & Val., 1833.  
Nielsen, 1963 (3): 528 (Development).
- CHEILODIPTEROPS ISOSTIGMA  
Schultz  
Lachner, 1955 (1): 54.
- CHEILODIPTERUS Lacepede, 1802.  
Collette, 1963 (4): 616 (Syn.)
- CHEIROLEPIS Agassiz  
Harrington, 1955 (4): 288 (Bones)
- CHELA Hamilton  
Silas, 1957 (1): 61 (Tax.)
- CHELA LAUBUCA Hamilton  
Silas, 1957 (1): 61 (Tax.)
- CHELMO Oken  
Randall, 1961 (1): 54. (Tax.-Indo.  
Malaya)
- CHELMON LOL Montrouzier, 1856.  
Randall, 1961 (1): 56 (Syn.)
- CHELMON LONGIROSTRIS Cuv., 1831.  
Randall, 1961 (1): 55 (Syn.)
- CHELMONOPS Blecker  
Randall, 1961 (1): 54 (Australia)
- CHEONDA COERULEA Girard, 1856.  
— Blue Chub.  
Bailey & Uyeno, 1964 (1): 238 (Tax.)
- CHERUBLEMMA LELEPRIS E. Trosler  
Cohen, 1961 (3): 288 (Tax.)
- CHIASMOTON NIGER Johnson  
— Black Swallower  
Briggs, 1960 (3): 178 (Circum-  
tropical)
- CHIASMOTONTIDAE  
Briggs, 1960 (3): 178.
- CHILORHINIDAE  
Matsubara & Asano, 1959 (4): 293.
- CHILORHINUS Lütken  
Matsubara & Asano, 1959 (4): 293.
- CHILORHINUS BROCKI Gosline  
Orton, 1964 (2): 443.
- CHILORHINUS PLAYRHYNCHUS  
Norman  
Orton, 1964 (2): 443.
- CHILORHINUS SUENSONI Lütken,  
1852.  
Orton, 1964 (2): 441.
- CHIMAERA MONSTROSA Linn.  
Tortonese, 1964 (1): 102 (Med.).
- CHIONODRACO HAMATUS  
(Lonnberg)  
Miller & Reseck, 1961 (1): 51.
- CHIONODRACO KATHLEENAE  
Regan  
Miller & Reseck, 1961 (1): 51.
- CHIONODRACO MARKHAMI Miller  
& Reseck, 1961.  
Miller & Reseck, 1961 (1): 50  
(Antarctic)
- CHIONODRACO MYERSI DeWitt &  
Tyler, 1960.  
DeWitt, 1962 (4): 833 (Antarctica)
- CHIROPSALMUS QUADRUMANUS  
(Müller)  
Mansueti, 1963 (1): 46, 58  
(Symbiosis with fish)
- CHIROSTOMA Swainson  
Hubbs & Miller, 1960 (2): 101.
- CHIROSTOMA CHAPALAE Jordan  
& Snyder  
Hubbs & Drewry, 1959 (1): 80  
(Intergeneric hybrids)  
Rubinoff, 1961 (2): 242 (Hybrids)
- CHIROSTOMA CONSOCIUM Jordan  
& Hubbs  
Hubbs & Drewry, 1959 (1): 80  
(Intergeneric hybrids)  
Rubinoff, 1961 (2): 242 (Hybrids)
- CHLAMYDOSELACHIDAE  
Gilbert & Oren, 1964 (3): 534  
(No nictitans)
- CHLAMYDOSELACHUS Garman  
Sundararaj, 1958 (4): 290 (Seminal  
Vesicles)
- CHLOPSIDAE  
Orton, 1964 (2): 441.
- CHLOPSIS APTERUS Beebe & Tee-  
Van  
Orton, 1964 (2): 440.
- CHLOPSIS BICOLLARIS Myers &  
Wade  
Orton, 1964 (2): 440.
- CHLOPSIS BICOLOR Raf., 1810.  
Tortonese, 1964 (1): 101 (Med.).
- Orton, 1964 (2): 438-439 (larvae)
- CHLOPSIS DENTATUS (Seale)  
Orton, 1964 (2): 442.
- CHLOPSIS EQUATORIALIS Gilbert  
Orton, 1964 (2): 439.
- CHLOPSIS GILBERTI Garman  
Orton, 1964 (2): 441.

- CHLOROPHTHALMUS AGASSIZI  
Bonaparte  
Rathjen, 1960 (4): 354 (Assoc. with tunicate-Fla.)
- CHLOROSCOMBRUS CHRYSURUS (Linn.) — Bumper  
Mansueti, 1963 (1): 46, 58. (Symbiosis with jellyfish)
- CHLORURUS BICOLOR Rüppell  
Randall, 1963 (2): 225. (Sexual dichromatism - Red Sea).
- CHLORURUS PULCHELLUS Rüppell  
Randall, 1963 (2): 225. (Sexual dichromatism - Red Sea).
- CHOLOGASTER AGASSIZI Putman  
Smith & Bridges, 1960 (3): 253 (Ill.)
- CHOLOGASTER CORNUTUS Agassiz  
Crossman, 1962 (1): 120 (N.C.).
- CHOLOGASTER PAPILLIFERUS Forbes, 1882.  
Smith & Bridges, 1960 (3): 253 (Type)
- CHRIOPEOPS Fowler  
Uyeno & Miller, 1962 (3): 528.
- CHROSOMUS EOS Cope  
— Northern redbelly dace.  
Personius & Eddy, 1955 (1): 42 (Little Missouri R.)  
Scott, 1957 (2): 161 (W. Canada)  
Behnke & Wetzel, 1960 (2): 141 (Mass. N.Y.)  
Gilbert, 1961 (2): 183 (Hybridization)  
New, 1962 (1): 147 (Hybridization)
- CHROSOMUS EOS X CH. NEOGAEUS  
New, 1962 (1): 147. (Morphometric study)
- CHROSOMUS ERYTHROGASTER  
ERYTHROGASTER Raf. —  
Southern Redbelly Dace  
Pfeiffer, 1955(2): 97.  
Hemphill, 1957(1): 53 (Lower Miss. drainage)  
Zahuranec, 1962(4): 843 (SE Ohio).  
Verheijen, 1963(1): 175 (Alarm substance)  
Bailey & Uyeno, 1964(1): 238.
- CHROSOMUS NEOGAEUS (Cope).  
— Finescale dace  
Gilbert, 1961(2): 183 (Hybridization)  
New, 1962(1): 147 (Hybridization)
- CHROSOMUS OREAS Cope  
Miller, 1962(2): 408.
- CHRYSAORA HYSOSCELLA (Linn.)  
Mansueti, 1963(1): 56. (Symbiosis with fish)
- CHRYSAORA QUINQUECIRRHA—Sea-nettles.  
Mansueti, 1963(1): 40. (Symbiosis with fish)
- CHRYSOPHRYS Cuv. & Val.  
Norris & Prescott, 1959(4): 276.
- CHRYSOPHRYS MAJOR Temm. & Schlegel  
Akazaki, 1961(4): 441.
- CICHLASMA BEANI (Jordan)  
Branson, McCoy & Sisk, 1960(3): 220 (Sonora, Mex.)
- CICHLASOMA Swainson, 1839.  
Bailey, 1957(4): 303 (Tax.)  
Hubbs & Miller, 1960(2): 101.  
Branson & Moore, 1962(1): 26 (Acoustico-lateralis syst.)
- CICHLASOMA NIGROFASCIATUM (Günther)  
Deacon et al, 1964(2): 385 (Introduced - Nev.)
- CICHLIDAE  
Branson & Moore, 1962(1): 3, 26. (Acoustico - lateralis syst.)
- CICHLIOMMA Regan, 1905.  
Bailey, 1957(4): 303 (Tax.)
- CICHLIOMMA BIOCELLATUM  
Regan—Jack Dempsey.  
Baslow & Nigrelli, 1961(1): 9.
- CICHLASOMA CAJALI  
Miller, 1958(3): 236 (Mex.)
- CICHLASOMA CYANOGLUTTATUM (Baird & Girard, 1854)  
Robinson, 1959(3): 255 (Lower Rio Grande)  
Branson & Moore, 1962(1): 29 (Acoustico-lateralis syst.)
- CICHLAURUS Swainson, 1839  
Bailey, 1957(4): 303 (Tax.)
- CINGLA Stark, 1828.  
Collette, 1963(4): 617 (Tax.)
- CIRRHIMURAENA MACGREGORI  
Jenkins, 1904.  
Weed & Howarth, 1961(3): 357 (Range extension)
- CIRRHINA Cuv.  
Hewitt et al, 1963(2): 296. (Muscle proteins)
- CIRRHINUS Oken  
Silas, 1956(3): 194 (Systematic position)
- CIRRHINUS FASCIATUS Jerdon, 1849.  
Silas, 1956(3): 194 (Systematic position)
- CIRRHITICHTHYS CORALLICOLA Tee-Van  
Briggs, 1964(4): 707. (Trans-pacific)
- CIRRHITICHTHYS OXYCEPHALUS (Bleeker)  
Briggs, 1964(4): 707.

- CIRRHITIDAE—Hawkfishes  
Briggs, 1964(4): 707.
- CIRRIPECTUS Swainson  
Springer, 1962(2): 426.
- CITHARICHTHYS GILBERTI Jenkins  
& Evermann  
Gunter, 1957(1): 14 (In fresh water)
- CITHARICHTHYS MACROPS Dresel  
Batts, 1964(4): 671 (Lepidology)
- CITHARICHTHYS SORDIDUS (Girard)  
Batts, 1964(4): 666, 668. (Lepidology)
- CITHARICHTHYS SPILOPTERUS  
Günther  
Robinson, 1959(3): 255 (Lower Rio Grande)
- CITHARICHTHYS STIGMAEUS  
Jordan & Gilbert  
Batts, 1964(4): 668 (Lepidology).
- CITHARICHTHYS XANTHOSTIGMUS  
Gilbert  
Batts, 1964(4): 671 (Lepidology).
- CLAMP FOR COUNTING FIN RAYS  
McAllister, 1960(3): 250.
- CLARIAS Gronovius  
Das & Saxena, 1956(2): 107.  
Hewitt et al, 1963(2): 296. (Muscle proteins)
- CLARIAS ANGULLARIS (Regan, 1911)  
Tilak, 1963(4): 623 (Osteocranium)
- CLARIAS BATRACHUS (Bloch)  
Tilak, 1963(4): 623 (Osteocranium & Weberian Apparatus)
- CLARIAS DUSSUMIERI Val.  
Tilak, 1963(4): 623 (Osteocranium & Weberian apparatus)
- CLARIAS LAZERA (Nawar, 1954).  
Tilak, 1963(4): 623 (Osteocranium)
- CLINOCOTTUS ANALIS (Girard)  
—Wooly Sculpin  
McCleave, 1964(3): 506. (Pacific-Calif.)
- CLINOSTOMUM MARGINATUM Cope  
—Yellow Grub  
Schwartz, 1956(4): 250 (Fish infestation)
- CLINOSTOMUS AFFINUS Girard, 1857.  
Lachner & Deubler, 1960(4): 359 (Type loc. - Va.)
- CLINOSTOMUS CAROLINUS Girard, 1857.  
Lachner & Deubler, 1960(4): 359 (Type loc. - N.C.)
- CLINOSTOMUS ELONGATUS (Kirtland)  
Evans & Deubler, 1955(1): 31 (Pharyngeal tooth replacement)
- CLINOSTOMUS FUNDULOIDES Girard, 1857. —Rosyside dace.  
Lachner & Deubler, 1960(4): 358-359 (Tax.-type loc, D.C.)  
Knapp et al, 1963(2): 455 (Md.)
- CLINOSTOMUS VANDOISULUS (Val.)  
Lachner & Deubler, 1960(4): 358 (syn.)
- CLIOLA ANALOSTANA (Girard, 1859)  
Gibbs, 1963(3): 521 (Syn.)
- CLIOLA CHLORA Jordan, 1878.  
Suttkus, 1958(4): 313 (Syn.)
- CLIOLA CHLORISTIA (Jordan & Brayton, 1878).  
Gibbs, 1963(3): 522 (Syn.)
- CLIOLA WHIPPLEI (Girard, 1856)  
Gibbs, 1963(3): 512 (Syn.)
- CLUPEA Linn.  
Sundararaj, 1958(4): 295 (Spermatozoa)  
Branson & Moore, 1962(1): 27, 30 (Acoustico-lateralis syst.)  
Cahn & Shaw, 1962(1): 110 (Cupulae)
- CLUPEA ALOSA Linn.  
Dahadrai, 1960(2): 125 (Swim bladder).  
Svetovidov, 1964(1): 129.
- CLUPEA HARENGUS HARENGUS Linn. —Atlantic Herring.  
Sindermann & Mairs, 1959(3): 228 (Major Blood Groups)  
Dehadrai, 1960(2): 125 (Swim bladder)  
Gunter & Demoran, 1961(1): 39.  
Kapoor, 1961(2): 179 (Sensory Canals)  
Branson & Moore, 1962(1): 30 (Acoustico-lateralis syst.)  
Squire, 1962(1): 217 (W. North Atl.)  
Boyar, 1962(2): 463 (Blood cell types).  
Mansueti, 1963(1): 64 (Symbiosis with jellyfish)  
Sindermann & Honey, 1963(3): 534 (Hemoglobins)  
Sindermann & Honey, 1964(1): 142 (Serum).
- CLUPEA LAMPROTAENIA Gosse, 1851.  
Collette, 1962(3): 659.
- CLUPEA PHALERICA (Risso)  
Tortonese, 1964(1): 104 (Med.).
- CLUPEA PILCHARDUS Walbaum  
Dehadrai, 1960(2): 125 (Swim bladder—Sardina)  
Gunter & Demoran, 1961(1): 39.
- CLUPEA SPRATTUS Linn.  
Dehadrai, 1960(2): 126.  
Tortonese, 1964(1): 100-101 (Med.)
- CLUPEIDAE  
Behnke & Wetzel, 1960(2): 142 (Conn.)

- CLUPEIDAE (continued)  
   Gunter & Demoran, 1961(1): 39-41.  
   Branson & Moore, 1962(1): 2, 28  
     (Acoustico-lateralis syst.)  
   Cahn & Shaw, 1962(1): 110 (Cupulae)  
   Berry, 1964(2): 377 (Upper Jaw  
     Bones)  
 CLUPEONELLA Berg, 1913.  
   Gunter & Demoran, 1961(1): 40.  
   Svetovidov, 1964(1): 118.  
 CLUPISUDIS Swainson  
   DeBeaufort, 1964(1): 63. (Africa)  
 CNESTERODON DECEMMACULATUS  
   (Jenyns)  
   Rosen & Mendelson, 1960(3): 204  
     (Sensory canals)  
 COBITIS TAENIA Linn.  
   Branson & Moore, 1962(1): 26  
     (Acoustico-lateralis syst.)  
 COBITIS TAENIA STRIATA Ikeda  
   — Loach  
   Hubbs, 1958(1): 58 (Hybrids)  
 COCCOCEPHALUS Watson, 1925.  
   Harrington, 1955(4): 286 (Bones -  
     paleoniscoid)  
 CODOMA Girard, 1856.  
   Gibbs, 1957(3): 187 (Tax.)  
 CODOMA CHLORISTIA Jordan &  
   Brayton, 1878.  
   Gibbs, 1963(3): 522 (Syn.)  
 COECULA Vahl  
   Cahn & Shaw, 1962(1): 110  
     (Cupulae)  
 COELORHYNCHUS CARIBBAEUS  
   (Goode & Bean)  
   Eschmeyer, 1963(3): 590 (Food for  
     swordfish)  
 COELORHYNCHUS COELORHYNCHUS  
   Risso  
   Marshall, 1964(1): 87.  
 COLISA LALIA (Ham. - Buch.)  
   Miller, 1964(3): 477 (Social behavior)  
 COLOCONGER Alcock, 1889.  
   Mead & Nicholson, 1956(1): 62.  
 COLOCONGER MEADI Kanazawa, 1957  
   Kanazawa, 1957(3): 234 (Fla.)  
 COLOCONGER RANICEPS Alcock,  
   1889.  
   Mead & Nicholson, 1956(1): 62 (Gulf  
     of Mexico)  
   Kanazawa, 1957(3): 234 (Syn. - sensu  
     Mead & Nicholson)  
 COLOLABIS ADOCETUS Böhlke, 1951  
   Orton, 1957(1): 57 (Embryology)  
   Orton, 1964(1): 145 (Eggs).  
 COLOLABIS SAIRA (Brevoort)  
   Orton, 1964(1): 145 (Eggs).  
 COLUMBIA Eigenm. & Eigenm.  
   Moore & Burris, 1956(1): 18.  
 CONGER Schaeffer  
   Kanazawa, 1961(1): 115.  
 CONGER CINEREUS CINEREUS  
   Rüppell  
   Gosline & Strasburg, 1956(1): 10.  
   Kanazawa, 1961(1): 115 (Tax.)  
 CONGER CONGER (Linn.)  
   Slastenenko, 1955(3): 233 (Black  
     Sea)  
 CONGER MARGINATUS Val.  
   — Eel.  
   Orton, 1962(3): 664 (Vertebral  
     count)  
 CONGERMURAENA BALEARICA  
   Jordan & Davis, 1888.  
   Rosenblatt, 1958(1): 54 (Syn.)  
 CONGRELLUS GILBERTI Ogilby,  
   1898.  
   Rosenblatt, 1958(1): 54 (Syn.)  
 CONGRIDAE  
   Cahn & Shaw, 1962(1): 110  
     (Cupulae)  
 CONIDENS LATICEPHALUS (Tanaka)  
   Briggs, 1962(4): 851 (Amami Isl.)  
 CONIDENS SAMOENSIS Steindachner  
   Briggs, 1962(2): 425.  
 CONODON NOBILIS (Linn.)  
   Dawson, 1962(2): 443 (Gulf of  
     Mexico).  
 CONORHYNCHICHTHYS Regan,  
   1906-08  
   Hubbs & Miller, 1960(2): 111 (Tax.)  
 CONORHYNCHUS Bleeker  
   Hubbs & Miller, 1960(2): 101.  
 CONORHYNCHOS CONIROSTRIS  
   (Val.)  
   Hubbs & Miller, 1960(2): 102.  
 CONORHYNCHOS NELSONI  
   Evermann & Goldsborough, 1902  
   Hubbs & Miller, 1960(2): 101 (Type  
     of Potamarius)  
 CONORHYNCHUS Bleeker, 1862  
   Hubbs & Miller, 1960(2): 110 (Syn.)  
 CONOSTOMUS Dum., 1856.  
   Hubbs & Miller, 1960(2): 110 (Tax.)  
 COOKEOLUS BOOPS (Bloch &  
   Schneider, 1801)  
   Caldwell, 1962(2): 417, 422  
     (W. Atl.)  
 COOKEOLUS JAPONICUS Cuv., 1829  
   Caldwell, 1962(2): 423.  
 COREGONUS Lac.  
   Kosswig, 1963(2): 240 (Speciation)  
   Iwai, 1963(2): 274. (Taste buds)  
   Dymond, 1964(1): 18.



- COREGONUS ALBUS LeSueur  
Dymond, 1964(1): 18 (Canada).
- COREGONUS AUTUMNALIS (Pallas)  
Wohlschlag, 1956(4): 240.
- COREGONUS CLUPEAFORMIS  
(Mitchill)  
Duwe, 1955(2): 93 (Gas bladder).  
Holt, 1960(3): 198.  
Dymond, 1964(1): 181 (Canada).
- COREGONUS COULTERI Eigenmann &  
Eigenmann—Pigmy Whitefish  
Williams, 1959(1): 20 (Ovary weight)  
Eddy & Underhill, 1959(4): 342 (Minn.)
- COREGONUS CYLINDRACEUS Berg  
Dymond, 1964(1): 19 (Tax.).
- COREGONUS HOYI Bean—Lake  
Michigan Bloater.  
Edsall, 1964(1): 226 (Predation on  
fish eggs)
- COREGONUS KENNICOTTI Milner  
Dymond, 1964(1): 18 (Canada).
- COREGONUS LABRADORICUS  
Richardson—Maine Whitefish  
Dymond, 1964(1): 18 (Canada).
- COREGONUS LAURETTAE (Bean)  
Lindsey, 1963(1): 173.
- COREGONUS LAVARETUS Linn.  
Dymond, 1964(1): 18 (Canada).
- COREGONUS LAVARETUS PIDSCHIAN  
(Pallas)—European Humpback  
Whitefish  
Lindsey, 1963(1): 173.  
Dymond, 1964(1): 19 (Canada).
- COREGONUS NASUS (Pallas)  
Dymond, 1964(1): 14, 18 (Canada).
- COREGONUS NASUS KENNICOTTI  
Milner  
Wohlschlag, 1956(4): 238 (Alaskan  
Arctic)
- COREGONUS NELSONII Bean  
—Humpback Whitefish  
Lindsey, 1963(1): 173. (Status &  
design. of new type)  
Dymond, 1964(1): 18 (Canada).
- COREGONUS PALAEA Cuv. & Val.  
Duwe, 1955(2): 93 (Gas bladder)
- COREGONUS QUADRILATERALIS  
Richardson, 1823.  
Dymond, 1964(1): 19 (Tax.).
- COREGONUS RICHARDSONII  
Günther  
Dymond, 1964(1): 18 (Canada).
- COREGONUS SAPIDISSIMA Agassiz  
Dymond, 1964(1): 18 (Canada).
- COREGONUS SARDINELLA Val.  
Wohlschlag, 1956(4): 237 (Alaskan  
Arctic)
- CORIS JULIS Linn., 1758.  
Liem, 1963(2): 309. (Sex reversal)
- CORVINA Cuv.  
Cahn & Shaw, 1962(1): 110  
(Cupulae).
- CORVINA LOBATA Cuv.  
Trewavas, 1964(1): 109.
- CORVINA NIGRA Bloch—Drumfish  
Schneider, 1962(2): 336 (Hearing-  
Mediterranean Sea)  
Winn et al, 1964(2): 420 (Sounds)
- CORYDORAS AENEUS (Gill)  
—Armored Catfish  
Baslow & Nigrelli, 1961(1): 10.
- CORYPHAENA EQUISELIS Linn.  
—Pompano Dolphin.  
Briggs, 1960(3): 177 (Circum-  
tropical)  
Rothschild, 1964(2): 445 (Obs.  
Cent. Pac. O.)
- CORYPHAENA HIPPIURUS (Linn.)  
—Common Dolphin  
Massmann, 1957(2): 156 (Ches.  
Bay)  
Pew, 1957(4): 300 (Texas Bay-  
Young)  
Berry, 1958(2): 116 (W. N. Atlantic)  
Hubbs, 1958(4): 283.  
Briggs, 1960(3): 177 (Circum-  
tropical)  
Strasburg & Marr, 1961(2): 226  
(Color phases)  
Hess, 1962(3): 655.  
de Sylva & Davis, 1963(1): 91.  
Tortonesi, 1964(1): 100 (Med.)  
Strasburg, 1964(1): 229.  
Rothschild, 1964(2): 445 (Observ.-  
Cent. Pac. O.)
- CORYPHAENIDAE  
Briggs, 1960(3): 177.
- CORYPHAENOIDES RUPESTRIS  
Gunner  
Kooyman, 1963(2): 458 (Hemoglobin)
- CORYPHAENOIDES THELESTOMUS  
Marshall, 1964(1): 87 (Bathypelagic)
- CORYPHOPTERUS PUNCTIPECTO-  
PHORUS Springer  
Springer, 1961(4): 482 (Tampa  
Bay, Fla.)
- COTTIDAE  
Behnke & Wetzel, 1960(2): 143  
(Conn.)
- COTTOGASTER AURANTIACA Cope.  
Richards & Knapp, 1964(4): 690-  
691 (Tax.)
- COTTUNCULUS THOMPSONI (Günther)  
Kooyman, 1963(2): 458 (Hemoglobin)

- COTTUS** Linn.  
Robins, 1961(3): 305.  
Branson & Moore, 1962(1): 56  
(Acoustico-lateralis syst.)
- COTTUS ALEUTICUS** Gilbert  
—Aleutian Sculpin  
Greenbank, 1957(2): 157 (Aggregation  
behavior - Alaska)  
Northcote & Hartman, 1959(2): 158.  
Robins, 1961(3): 310.
- COTTUS ASPER** Richardson—Prickly  
sculpin.  
Gunter, 1957(1): 15.  
Northcote & Hartman, 1959(2): 156  
(B. C.)  
Robins, 1961(3): 310.  
Dymond, 1964(1): 21 (Canada)
- COTTUS BAILEYI** Robins, 1961.  
—Black sculpin.  
Robins, 1961(3): 311 (Va., Tenn.)
- COTTUS BAIRDI BAIRDI** Girard, 1850.  
—Mottled sculpin  
Daiber, 1956(3): 141 (Winter feeding  
habits - W. N. Y.)  
Williams, 1959(1): 20 (Ovary weight)  
Reed, 1959(2): 162 (N. W. Pa.)  
Stegman & Minckley, 1959(4): 341.  
Robins, 1961(3): 311.  
Savage, 1962(4): 848 (Tax.).  
Savage, 1963(2): 317. (Reproductive  
behavior)  
McCleave, 1964(3): 506 (Movement  
& population - Montana)
- COTTUS BAIRDI PUNCTULATUS** (Gill)  
Daiber, 1956(3): 141 (Feeding habits)
- COTTUS BAIRDI SEMISCABER** (Cope)  
Daiber, 1956(3): 141 (Food habits)
- COTTUS BUBALIS** Euphrasen—Father-  
lasher  
Savage, 1963(2): 318. (Reproductive  
habits)
- COTTUS CAROLINAE** (Gill)  
Stegman & Minckley, 1959(4): 341  
(Ill. - in gravel)  
Robins, 1961(3): 310.  
Ferguson, 1961(4): 395 (Miss.)
- COTTUS CAROLINAE ZOPHERUS**  
Robins, 1961(3): 310.
- COTTUS COGNATUS** Richardson  
—Slimy sculpin  
Sawyer, 1960(2): 137 (N. H.)  
Behnke & Wetzel, 1960(2): 143 (Conn.)  
Robins, 1961(3): 311.  
McCleave, 1964(3): 506.
- COTTUS GIRARDI** Robins, 1961.  
—Potomac sculpin  
Robins, 1961(3): 306 (Pa., Md., Va.)  
Savage, 1962(4): 848 (Syn.)
- COTTUS GOBIO** Linn.  
Robins, 1961(3): 310 (Eurasia)  
Savage, 1963(2): 318. (Repro-  
ductive habits)
- COTTUS HANGIONGENSIS** Mori  
Savage, 1963(2): 318. (Repro-  
ductive habits)
- COTTUS HUBBSI** Bailey & Dimick,  
1949.  
Robins, 1961(3): 313.
- COTTUS OCTODECIMSPINOSUS**  
Mitchill  
Branson & Moore, 1962(1): 58  
(Acoustico-lateralis syst.)
- COTTUS POECILOPUS** (Heckel)  
Slattenenko, 1955(3): 234 (Black  
Sea)
- COTTUS POLLUX** Günther  
Savage, 1963(2): 318. (Repro-  
ductive habits)
- COTTUS PRINCEPS** Gilbert  
Robins, 1961(3): 310.
- COTTUS RICEI** (Nelson)—Spoon-  
head sculpin.  
Hecht & Walters, 1955(3): 252  
(Canada)  
Eddy & Underhill, 1959(4): 342  
(Minn.)  
Robins, 1961(3): 310.
- COTTUS SCORPIUS** (Linn.)  
Breder, 1962(3): 562 (Trans-  
parency in eggs and larvae).
- COTYLORHIZA TUBERCULATA**  
(Macri)  
Mansueti, 1963(1): 56. (Symbiosis  
with fish)
- COUESIUS PLUMBEUS** (Agassiz)  
—Lake chub  
Behnke & Wetzel, 1960(2): 141  
(Mass., N. Y.)
- CRENICHTHYS** Hubbs, 1932.  
Uyeno & Miller, 1962(3): 520, 526.
- CRENICHTHYS BAILEYI** (Gilbert)  
Uyeno & Miller, 1962(3): 522, 527.  
Deacon et al, 1964(2): 386 (Nev.)
- CRENICHTHYS NEVADAE** Hubbs  
Uyeno & Miller, 1962(3): 522, 527.  
Deacon et al, 1964(2): 386 (Nev.)
- CRENILABRUS MEDITERRANEUS**  
Linn.  
Tortonese, 1964(1): 106 (Med.)
- CRENILABRUS MELOPS** Cuv.  
Slattenenko, 1955(3): 234.
- CRENILABRUS OCELLATUS**  
Forskål  
Tortonese, 1964(1): 100, 106  
(Med.).

- CRISTIVOMER Gill & Jordan  
Wahl, 1960(1): 16 (Tax. - brook trout)  
Dymond, 1964(1): 18.
- CRISTIVOMER NAMAYCUSH (Walbaum) —Lake trout.  
Dymond, 1964(1): 3, 18, 21 (Canada).
- CRYODRACO ANTARCTICUS Dollo  
Miller & Reseck, 1961(1): 51.
- CRYPTOPSARAS COUESII Gill  
—Anglerfish  
Fast, 1957(3): 237 (Monterey Bay, Calif.)  
Shoemaker, 1958(2): 143 (Gulf of Mexico)  
Briggs, 1960(3): 179 (Circumtropical)
- CTENOCHAETUS STRIATUS (Quoy & Gaimard) —Surgeonfish  
Randall, 1961(2): 237 (Spawning - Society Isl.)
- CTENOGOBIUS CURTISI Fowler, 1952.  
Robins & Böhlke, 1961(1): 46.
- CTENOGOBIUS FASCIATUS Gill, 1858.  
Robins & Böhlke, 1961(1): 46, 49.
- CTENOGOBIUS NEBULOSA —Mangrove goley  
Stebbins & Kalk, 1961(1): 19 (Port. E. Afr.)
- CTENOPOMA Peters  
Barlow, 1962(2): 359.
- CTENOSCIAENA DUBIA (Fowler & Bean, 1923).  
Trewavas, 1964(1): 112.
- CTENOSCIAENA GRACILICIRRHUS (Metzelaar)  
Trewavas, 1964(1): 116.
- CUBICEPS GRACILIS (Lowe) —Long-fin Cigarfish  
Mansueti, 1963(1): 62. (Symbiosis with jellyfish)
- CUBICEPS ISMAELENIS Tortonese, 1964(1): 101 (Med.).
- CUBICEPS NATALENSIS Gilchrist & von Bonde —Cubehead Fish  
Mansueti, 1963(1): 62. (Symbiosis with jellyfish)
- CYANEA CAPILLATA (Linn.)  
Mansueti, 1963(1): 46. (Symbiosis with fish).
- CYANEA NOZAKII Kishinouye  
Mansueti, 1963(1): 62. (Symbiosis with fish).
- CYBIUM FLAVOBRUNNEUM Smith, 1849.  
Schultz & Springer, 1956(1): 65 (Syn.)
- CYCLEPTUS ELONGATUS (Le Sueur)  
—Blue sucker  
Hubbs & Hubbs, 1958(4): 306 (Mex.)  
Clemens & Johnson, 1964(2): 390.
- CYCLOPTERUS LUMPUS Linn.  
—Lumpfish  
Gordon & Backus, 1957(1): 18 (Labrador)  
Mansueti, 1963(1): 68. (Response to jellyfish)
- CYCLOTHONE Goode & Bean  
Marshall, 1964(1): 92.
- CYCLOTHONE ACCLINDENS Garman —Benttooth Bristlemouth  
Briggs, 1960(3): 174 (Circum-tropical)
- CYCLOTHONE MICRODON MICRODON (Günther) —Smalltooth bristlemouth  
Briggs, 1960(3): 174 (Circum-tropical)  
Marshall, 1964(1): 92  
Tortonese, 1964(1): 104 (Atl. O.)
- CYCLOTHONE MICRODON PYGMAEA Jespersen & Tåning, 1926.  
Tortonese, 1964(1): 104 (Med.)
- CYCLOTHONE PALLIDA Brauer  
—Bicolored Bristlemouth  
Briggs, 1960(3): 174 (Circum-tropical)
- CYCLOTHONE PYGMAEA (Jespersen & Tåning)  
Marshall, 1964(1): 92.  
Tortonese, 1964(1): 104 (Med.).
- CYCLOTHONE SIGNATA Garman  
—Showy Bristlemouth  
Briggs, 1960(3): 174 (Circum-tropical)
- CYEMA Günther  
Böhlke & Cliff, 1956(2): 95.
- CYEMA ATRUM Günther —Bobtail Snipe-eel.  
Briggs, 1960(3): 175 (Circum-tropical)
- CYMATOGASTER AGGREGATA Gibbons  
Carpelan, 1961(1): 38 (Salinity tolerance)
- CYNDON SCOMBEROIDES Cuv.  
—Baia.  
Migdalski, 1957(1): 55.
- CYNOGLOSSIDAE  
Dawson, 1962(1): 145.

- CYNOGLOSSUS Ham. - Buch.  
Branson & Moore, 1962(1): 64  
(Acoustico-lateralis syst.)
- CYNOMACRURUS Dollo, 1909.  
Marshall, 1964(1): 87.
- CYNOMACRURUS PIRIEI Dollo, 1909.  
Marshall, 1964(1): 87 (Antarctica).
- CYNOPERCA Gill & Jordan in Jordan,  
1877.  
Collette, 1963(4): 616 (Syn.)
- CYNOSEPTES Norman, 1943  
Springer, 1962(2): 427 (Syn.)
- CYNOSCIION ALBUS (Günther)  
Gunter, 1957(1): 15 (In fresh water)
- CYNOSCIION ARENARIUS Ginsburg  
Gunter & Ward, 1961(4): 460  
(Extreme injuries)  
Gunter & Hall, 1963(3): 597 (Fla.)
- CYNOSCIION NEBULOSUS (Cuv. &  
Val.)—Spotted seatrout  
Gunter, 1957(1): 14 (In fresh water)  
Iversen & Tabb, 1962(3): 544 (Popula-  
tions - Fla.)
- CYNOSCIION NOBILIS (Ayres)—White  
Sea Bass.  
Bonham & Olson, 1956(1): 64 (Puget  
Sound).  
Weisel, 1958(2): 86 (Pituitary on  
frogs)
- CYNOSCIION REGALIS (Bloch &  
Schneider)—Weakfish  
Gunter, 1957(1): 14 (In fresh water)  
Gunter & Hall, 1963(3): 597 (Fla.)  
Winn et al, 1964(2): 420 (Sounds)  
Joseph et al, 1964(2): 426 (Eggs)
- CYPHOSIDAE  
Briggs, 1961(2): 163.
- CYPHOSUS Jordan & Gilbert, 1882.  
Briggs, 1961(2): 162 (Tax.)
- CYPRINELLA Girard, 1856.  
Gibbs, 1957(3): 185 - 186. (Tax.)  
Branson, 1962(3): 537.
- CYPRINELLA ANALOSTANA Girard,  
1859.  
Gibbs, 1963(3): 513, 520 (Syn.)
- CYPRINELLA BUBALINA (Baird &  
Girard)  
Gibbs, 1957(3): 185 (Tax.)
- CYPRINELLA CHLORISTIA (Jordan &  
Brayton, 1878).  
Gibbs, 1963(3): 522 (Syn.)
- CYPRINELLA TEXANA Girard, 1856.  
Suttkus, 1958(4): 307, 316 (Status)
- CYPRINELLA WHIPLII Girard, 1856.  
Gibbs, 1963(3): 511 (Syn.)
- CYPRINIDAE  
Hubbs, 1958(1): 56 (Position of anal  
fin and length of body cavity)
- CYPRINIDAE (continued)  
Behnke & Wetzel, 1960(2): 142  
(Conn.)  
Branson & Moore, 1962(1): 2, 26.  
(Acoustico-lateralis syst.)  
Holcik & de Wit, 1962(2): 377.  
Smith, 1962(3): 511 (Pliocene).  
Smith, 1963(2): 280 (Pleistocene -  
S.W. Kansas)  
Holcik & de Wit, 1964(1): 160  
(Hybrids)
- CYPRINODON BACONI Breder, 1932.  
Miller, 1962(4): 836 (Bahamas -  
status).
- CYPRINODON BONDI Myers  
Miller, 1962(4): 837.
- CYPRINODON BREVIPIRIDIUM  
Miller  
Uyeno & Miller, 1962(3): 529  
(Tertiary)
- CYPRINODON DEARBORNI Meek  
Miller, 1962(4): 837.
- CYPRINODON DIABOLIS Wales  
Miller, 1962(4): 837.
- CYPRINODON DISPAR Rüppel  
Barlow, 1958(3): 231 (In brine  
pools - Egypt)
- CYPRINODON JAMAICENSIS  
(Vaillant & Bocourt)  
Miller, 1962(4): 837.
- CYPRINODON LACINIATUS Hubbs &  
Miller  
Miller, 1962(4): 837.
- CYPRINODON MACULARIUS  
Baird & Girard—Desert  
pupfish  
Barlow, 1958(3): 231 (High  
salinity mortality - Salton Sea,  
Calif.)
- CYPRINODON VARIEGATUS VARI-  
EGATUS (Lac.)—Sheephead  
Minnow, Southern Variegated  
Cyprinodon  
Odum & Caldwell, 1955(2): 106  
(Anaerobic spring - Fla.)  
Harrington, 1958(1): 1 - 2 (Fla.)  
Harrington & Rivas, 1959(2): 129  
(Fla.)  
Robinson, 1959(3): 255 (Lower  
Rio Grande)  
Behnke & Wetzel, 1960(2): 142  
(Conn.)  
Uyeno & Miller, 1962(3): 528.  
Miller, 1962(4): 836 (Tax.).
- CYPRINODONTIDAE  
Behnke & Wetzel, 1960(2): 142  
(Conn.)

CYPRINODONTIDAE (continued)

Branson & Moore, 1962(1): 26-27  
(Acoustico-lateralis syst.)

Cohn & Shaw, 1962(1): 110  
(Cupulae).

Smith, 1962(3): 512 (Pliocene).

CYPRINUS Linn.

Harrington, 1955(4): 271 (Bones)

Cahn & Shaw, 1962(1): 110 (Cupulae).

CYPRINUS AMERICANUS Linn., 1758

Trewavas, 1964(1): 107.

CYPRINUS CARPIO Linn.—Carp

Personius & Eddy, 1955(1): 42

(Little Missouri River)

Hubbs, 1958(1): 56.

Robinson, 1959(3): 255 (Lower

Rio Grande)

Patten, 1960(1): 72 (Wash.)

Behnke & Wetzel, 1960(2): 142

(Conn.)

Branson, McCoy & Sisk, 1960(3):  
219 (Sonora, Mex.)

Starrett et al, 1960(4): 338 (Ill.)

Gilbert, 1961(2): 184 (Hybridization)

Holcik & de Wit, 1962(2): 386.

Miller, 1963(1): 1 (Ariz.)

Smith, 1963(2): 254 (E. Illinois)

Clemens & Johnson, 1964(2): 391.

CYSELURUS EXSILIENS (Linn.)

Tortonese, 1964(1): 101 (Med.)

Orton, 1964(1): 147.

CYSELURUS HETERURUS (Raf.)

Springer, 1959(2): 166 (Tax.)

CYSELURUS LUETKENI (Jordan &

Evermann)

Springer, 1959(2): 166 (Tax.)

CYSELUNIS XENOPTERUS (Gilbert)

Orton, 1957(1): 57 (Embryology).

CYTTOPTIS Gill

Mead, 1957(3): 237.

D

DACTYLOPTERUS VOLITANS (Linn.)

Breder, 1963(4): 699 (Defense be-  
havior and venom).

Tortonese, 1964(1): 100 (Med.).

DALATIAS LICA Fowler, 1936.

Strasburg, 1963(1): 39. (Tooth re-  
placement)

DALATIIDAE

Briggs, 1960(3): 173..

Gilbert & Oren, 1964(3): 534 (No  
nictitans)

DALLIA PECTORALIS Bean—Alaskan  
Blackfish

DALLIA PECTORALIS (continued)

Musacchia, Sullivan & Wilber,  
1957(1): 10 (Liver and muscle

lipids, Arctic)

Blackett, 1962(1): 124 (Life history)

DAMALICHTHYS VACCA Girard

Gosline, 1961(3): 255 (Caudal

skeleton)

DANIO Hamilton

Silas, 1957(1): 61 (Tax.)

DANIO MALABARICUS (Jerdon)

Silas, 1957(1): 62 (Tax.)

DASCYLLUS ALBISSELLA Gill

Brock, 1956(3): 196 (Hawaii)

Stevenson, 1963(4): 612 (Behavior)

DASCYLLUS TRIMACULATUS

(Rüppell)

Stevenson, 1963(4): 612.

DASYATIS Raf.

—Rays

Daiber, 1959(1): 74.

DASYATIS AMERICANUS Hildebrand

& Schraeder—Sting Ray.

Essapian, 1962(2): 458 (Food for  
sharks)

DASYATIS ASPER (Cuv.)

Bullis & Struhsaker, 1961(2): 234.

DASYATIS CENTROURA (Mitchell)

—Rough-tail Stingray

Phillips, 1956(4): 249. (S. Fla.)

Bullis & Struhsaker, 1961(2): 232

(Life history)

Hess, 1961(2): 239 (Food habits -

Dela. Bay)

Hess, 1962(3): 656.

Tortonese, 1964(1): 100 (Med.)

DASYATIS PASTINACA (Linn.)

Tortonese, 1964(1): 100 (Med.).

DASYATIS SAYI (LeSueur)

Hess, 1961(2): 239 (Food habits -

Dela. Bay)

Hess, 1962(3): 656.

DASYATIS VIOLACEA (Bonaparte)

Tortonese, 1964(1): 101 (Med.).

DECAPTERUS PUNCTATUS (Agassiz)

—Round Robin

Mather & Gibbs, 1957(3): 243

(N. Atl.)

DECAPTERUS RHONCHUS (Geoffr.)

Tortonese, 1964(1): 102 (Med.)

DEANIA Jordan & Snyder, 1902.

—Shark

Springer, 1959(1): 30-31.

DEANIA subgenus NASISQUALUS

Smith & Radcliffe

Springer, 1959(1): 31.

- DEANIA CALCEUS Lowe  
     Springer, 1959(1): 32 (Atlantic)  
 DEANIA EGLANTINA Jordan & Snyder,  
     1902.  
     Springer, 1959(1): 31 (Genotype)  
 DEANIA ELEGANS Springer, 1959.  
     Springer, 1959(1): 31 (Atl. - N.C.)  
 DEANIA PROFUNDORUM (Smith &  
     Radcliffe)  
     Springer, 1959(1): 31 (Philippines)  
 DEANIA QUADRISPINOSA (McCulloch)  
     Springer, 1959(1): 31.  
 DENDROPHYSA Trewavas, 1964.  
     Trewavas, 1964(1): 110.  
 DENDROPHYSA DUSSUMIERI (Val.)  
     Trewavas, 1964(1): 111.  
 DENDROPHYSA MACROPTERA  
     (Bleeker)  
     Trewavas, 1964(1): 111.  
 DENDROPHYSA RUSSELLI (Cuv.)  
     Trewavas, 1964(1): 110 (Genotype)  
 DENTEX DENTEX (Linn.)  
     Slattenenko, 1955(3): 233  
     (Black Sea)  
 DENTICIDAE  
     Akazaki, 1961(4): 437.  
 DESMODEMA POLYSTICTA (Ogilby)  
     Walters, 1963(2): 260 (Trachipterid  
         integument)  
     Walters, 1963(2): 456 (tax.)  
 DIAPHUS DUMERILI (Bleeker)  
     Briggs, 1960(3): 175 (Circumtropical)  
 DIAPTERUS Ranzani  
     Hubbs & Miller, 1960(2): 107.  
 DIAPTERUS OLISTHOMUS  
     (Goode & Bean)  
     Gunter & Hall, 1963(3): 597 (Fla.)  
     Anderson, 1964(1): 243-244 (S.C.)  
 DICENTRARCHUS (Gill, 1860)  
     Woolcott, 1957(1): 2 (Roccus subgen.)  
 DICENTRARCHUS LABRAX Linn.,  
     1758.  
     Tortonese, 1964(1): 100, 103.  
     (Mediterranean).  
 DICERATIAS Günther  
     Grey, 1959(3): 225.  
 DICERATIAS BISPINOSUS Günther  
     Grey, 1959(3): 225 (W. Atlantic)  
 DICERATIIDAE  
     Grey, 1959(3): 225.  
 DICHISTIIDAE  
     Randall, 1961(3): 358.  
 DIKELLORHYNCHUS Smith, 1956.  
     Berry, 1958(2): 117 (S. Afr.)  
     Hubbs, 1958(4): 283 (Tax.)  
 DIKELLORHYNCHUS INCREDIBILIS  
     Smith, 1956.  
     Berry, 1958(2): 117 (S. Afr.)  
     Hubbs, 1958(4): 283 (Tax.)  
 DIKELLORHYNCHUS TROPIDOLEPIS  
     Berry, 1958.  
     Berry, 1958(2): 116-117 (W.N.  
         Atlantic)  
     Hubbs, 1958(4): 283 (Tax.)  
 DILEPIDION Ginsburg (1933)  
     Dawson, 1963(3): 585.  
 DIONDA EPISCOPA Girard  
     Robinson, 1959(3): 255 (Lower Rio  
         Grande)  
 DIODON HOLACANTHUS Linn.  
     — Balloon Fish  
     Briggs, 1960(3): 178 (Circumtropical)  
 DIODON HYSTRIX Linn.  
     — Porcupine Fish  
     Briggs, 1960(3): 178 (Circumtropical)  
 DIODONTIDAE  
     Briggs, 1960(3): 178.  
 DIOGENICHTHYS Garman  
     Wisner, 1963(1): 24. (Tax.)  
 DIOGENICHTHYS ATLANTICUS  
     (Tanig)  
     Briggs, 1960(3): 175 (Circumtropical)  
 DIONDA DIABOLI  
     Robinson, 1959(3): 255 (Lower Rio  
         Grande)  
 DIONDA NUBILA (Forbes)  
     — Ozark Minnow  
     Eddy & Underhill, 1959(4): 342.  
     Smith & Bridges, 1960(3): 253 (Ill.)  
     Branson, 1962(3): 535 (Nuptial  
         tubercles).  
     Smith, 1963(2): 280 (Pleistocene -  
         S.W. Kansas).  
 DIPLECOGASTER Fraser - Brunner,  
     1938.  
     Briggs, 1957(3): 205 (Tax.)  
 DIPLESION FASCIATUS Girard  
     Richards & Knapp, 1964(4): 691  
     (Tax.)  
 DIPLODUS Raf.  
     Robins & DeSylva, 1964(3): 589.  
 DIPLODUS HOLBROOKI (Bean)  
     Springer, 1961(4): 481 (Tampa Bay,  
         Fla.)  
 DIPLODUS SARGUS (Linn.)  
     Tortonese, 1964(1): 100 (Med.)  
 DIPLOGONURUS MADERENSIS  
     Noronha, 1926.  
     Schultz & Springer, 1956(1): 65  
     (Tax.)  
 DIRETMIDAE  
     Grey, 1956(4): 245.  
 DIRETMUS ARGENTEUS Johnson  
     Grey, 1956(4): 245 (Gulf of Mexico)  
 DISSOSTICHUS Smitt  
     DeWitt, 1962(4): 827.  
     DeWitt, 1964(4): 686.



DISSOSTICHUS AMISSUS (Gill & Townsend)

DeWitt, 1962(3): 658 (Chile).

DISSOSTICHUS ELEGINOIDES Smitt, 1898.

DeWitt, 1962(3): 658.

DISSOSTICHUS MAWSONI Norman

DeWitt, 1962(3): 658 (Antarctic)

DISTICHODUS Müller & Trosch.

—Tetras, Congo characin

Baslow & Nigrelli, 1961(1): 10.

DOLICHOPTERYX Brauer

Cohen, 1960(2): 147 (neoteny)

Berry, 1964(2): 378 (Upper Jaw Bones)

DOLICHOPTERYX ANASCOPA Bauer

Cohen, 1960(2): 148.

DOLICHOPTERYX BINOCULARIS

Beebe

Cohen, 1960(2): 147 (Neoteny)

DOLICHOPTERYX BRACHYRHYNCHUS

Parr, 1937.

Cohen, 1960(2): 148.

DOLICHOPTERYX LONGIPES Vaillant

Cohen, 1960(2): 147 (Type of genus-neoteny)

DOLLFUSICHTHYS Chabanaud, 1931

Tortonese, 1964(1): 103 (Med.).

DOLOPICHTHYS ALLECTOR Garman

Grey, 1956(4): 245.

DOLOPICHTHYS DANAE Regan

Grey, 1956(4): 245.

DOLOPICHTHYS LONGICORNIS Parr

Grey, 1956(4): 245.

Briggs, 1960(3): 179 (Circumtropical)

DORMITATOR Gill

Robins & Böhlke, 1961(1): 46.

DORMITATOR LATIFRONS (Richardson)

Miller, 1958(3): 236 (Mex.)

Branson, McCoy & Sisk, 1960(3): 220 (Sonora, Mex.)

DORMITATOR MACULATUS (Block)

Harrington, 1958(1): 2 (Fla.)

Harrington & Rivas. 1958(2): 129 (Fla.)

Robinson, 1959(3): 255 (Lower Rio Grande)

Bailey & Richards, 1963(4): 702 (tax.)

DOROSOMA CEPEDIANUM (LeSueur)

—Gizzard Shad

Dence, 1956(3): 156 (N. Y.)

Berry, Huish & Moody, 1956(3): 192 (Spawning mortality)

Robinson, 1959(3): 255 (Lower Rio Grande)

Haskell, 1959(4): 299.

Springer, 1961(4): 481 (Tampa Bay, Fla.)

DOROSOMA CEPEDIANUM

(continued)

Hoesel, 1963(1): 165. (Salt tolerance)

Carufel & Witt, Jr., 1963(1): 178. (N. D.)

Smith, 1963(2): 255. (E. Illinois)

Clemens & Johnson, 1964(2): 390.

DOROSOMA PETENENSE (Günther)

—Threadfin Shad

Berry, Huish & Moody, 1956(3):

192 (Spawning mortality, Fla.)

Nakamura, 1962(3): 502.

Hunsaker & Crawford, 1964(1): 240.

DOROSOMA PETENENSE

ATCHAFALAYAE (Evermann & Kendall) —Mississippi Threadfin

Shad

Haskell, 1959(4): 298 (Diet - Arizona)

DOROSOMA SMITHI Hubbs & Miller

Branson, McCoy & Sisk, 1960(3): 218 (Sonora, Mex.)

DRAGONETTA Jordan & Fowler,

1903.

Briggs & Berry, 1959(2): 12 (Tax.)

DRACONETTA ACANTHOPOMA

Regan, 1904.

Briggs & Berry, 1959(2): 123, 127 (N. Atl.)

DRAGONETTA OREGONA Briggs &

Berry, 1959.

Briggs & Berry, 1959(2): 129

(S. Amer. Atl.)

DRACONETTA HAWAIIENSIS

Gilbert, 1905.

Briggs & Berry, 1959(2): 127 (Syn. - Hawaii)

DRACONETTA PSEUDOXENICA

Kamohara, 1952.

Briggs & Berry, 1959(2): 126 (Japan).

DRACONETTA XENICA Jordan &

Fowler, 1903.

Briggs & Berry, 1959(2): 126-127. (Genotype - Japan to Hawaii)

DRACONETTIDAE

Briggs & Berry, 1959(2): 123, 126. (Rev. of family)

DULES Cuv., 1829.

Tortonese, 1961(4): 471 (Tax.)

DUSSUMIERIA STOLIFERA Jordan &

Gilbert, 1884.

Collette, 1962(3): 659.

DUSSUMIERIIDAE

Tortonese, 1964(1): 103 (Med.).

## E

## ECHELIDAE

- Matsubara & Asano, 1959(4): 293.  
 Briggs, 1960(3): 178.  
 Kanazawa, 1961(1): 115.  
 Orton, 1964(2): 442.

## ECHELUS Raf.

- Tortonese, 1964(1): 102.

## ECHENEIS NAUCRATES Linn.

- Shark Sucker  
 Strasburg, 1957(1): 59.  
 Springer, 1961(4): 482 (Tampa Bay,  
 Fla. - on Remora)  
 Tortonese, 1964(1): 100 (Med.).

## ECHIDNA CATENATA Bleeker

- Eel  
 Orton, 1962(3): 664 (Vertebral  
 count)

## ECHIDNA COCOSA Garman

- Eel  
 Orton, 1962(3): 664 (Vertebral  
 count).

## ECHIDNA NEBULOSA Ahl

- Eel  
 Orton, 1962(3): 664 (Vertebral  
 count).

## ECHIDNA SCABRA Garman

- Eel  
 Orton, 1962(3): 664 (Vertebral  
 count).

## ECHIDNA ZEBRA Bleeker

- Eel  
 Orton, 1962(3): 664 (Vertebral  
 count).

## ECHINORHINIDAE

- Briggs, 1960(3): 173.  
 Gilbert & Oren, 1964(3): 534  
 (No nictitans)

## ECHINORHINUS BRUCUS

- (Bonnaterre)—Bramble Shark  
 Briggs, 1960(3): 173  
 (Circumtropical)

## ECHINORHINUS COOKEI

- Pietschmann  
 Strasburg, 1963(1): 38. (Tooth  
 replacement).

## EDRIOLYCHNUS SCHMIDTI Regan

- Briggs, 1960(3): 179  
 (Circumtropical)

## EIGENMANNIA VIRESCENS (Val.)

- Electric Fish  
 Nelson, 1960(2): 131 (Lateral line  
 nerve)

## ELAGATIS BIPINNULATUS (Quoy &amp; Gaimard)—Rainbow Runner

- Briggs, 1960(3): 176 (Circum-  
 tropical)

Randall, 1961(3): 357.

Tortonese, 1964(1): 101 (Med.)

## ELAMPA Fraser - Brunner

(Electrona subgen)

Wisner, 1963(1): 24.

## ELAMPUS Spinola

Wisner, 1963(1): 28 (Tax.)

## ELASSOMA Jordan

Branson & Moore, 1962(1): 18.  
 (Acoustico - lateralis syst.)

## ELASSOMA EVERGLADEI Jordan

Branson & Moore, 1962(1): 18, 23  
 (Acoustico - lateralis syst.)

## ELASSOMA OKEFENOKEE

Branson & Moore, 1962(1): 18, 23  
 (Acoustico - lateralis syst.)

## ELASSOMA ZONATUM Jordan

Eaton, 1956(3): 198 (Nasal  
 organs)

Branson & Moore, 1962(1): 18, 22  
 (Acoustico - lateralis syst.)

Crossman, 1962(1): 129 (N. C.)

Moore & Sisk, 1963(2): 347  
 (Eyes)

## ELECTRONA Goode &amp; Bean

Wisner, 1963(1): 24 (Tax.)

## ELECTRONA subgen. ELECTRONA

Fraser-Brunner

Wisner, 1963(1): 24.

## ELECTRONA ANTARCTICA

(Günther, 1878)

Wisner, 1963(1): 27 (Tax.)

## ELECTRONA CARLSBERGI (Tåning, 1932)

Wisner, 1963(1): 27 (Tax.)

## ELECTRONA RISSOI (Cocco)

Wisner, 1963(1): 24.

## ELECTRONA SUBASPER

Günther

Wisner, 1963(1): 27 (Tax.)

## ELECTRONINI

Wisner, 1963(1): 24 (Relation-  
 ships in Myctophidae)

## ELECTROPHORIDAE

Atz & Coates, 1957(4): 303.

Nelson, 1960(2): 131 (Lateral  
 line nerve)

## ELECTROPHORUS Gill —Electric Eel.

Atz & Coates, 1957(4): 303  
 (Electrogenic)

**ELECTROPHORUS ELECTRICUS**

(Linn.)—Electric Eel

Nelson, 1960(2): 131 (Lateral line nerve)

Baslow & Nigrelli, 1961(1): 8 (Muscle activity)

**ELEOTRIS** (Gronow)

Robins & Böhlke, 1961(1): 46.

**ELEOTRIS GYRINUS** Cuv. & Val.

Bailey & Richards, 1963(4): 702 (Tax.)

**ELEOTRIS PISONIS** (Gmelin)

Harrington & Rivas, 1958(2): 129 (Fla.)

Bailey & Richards, 1963(4): 702 (Tax.)

**ELOTRIS SUMNULENTUS** Girard, 1858.

Bailey & Richards, 1963(4): 702 (Tax.-sommulentus)

**ELEUTHEROCEPHALUS** Agassiz, 1846.

Chhapparg, 1964(3): 587.

**ELOPIDAE**

Springer, 1957(2): 139.

**ELOPS** Linn.

Harrington, 1958(1): 6.

**ELOPS AFFINIS** Regan

Gunter, 1957(1): 15 (In fresh water)  
Branson, McCoy & Sisk, 1960(3): 220 (Sonora, Mex.)

**ELOPS SAURUS** Linn.—Ten Pounder, Ladyfish.

Springer, 1957(2): 139.

Mather & Gibbs, 1957(3): 242 (N. Atlantic)

Harrington, 1958(1): 2 (Fla.)

Robinson, 1959(3): 255 (Lower Rio Grande)

Erdman, 1960(2): 143 (Larvae)

Harrington & Harrington, 1960(4): 311.

Vorenberg, 1962(2): 456 (Fla.)

**EMBIOTOCIDAE**

Gosline, 1961(3): 265 (Caudal Skeleton)

**EMBRYX CROTALINA** (Gilbert, 1891)

Bayliff, 1959(1): 78 (Calif. to Alaska)

**EMPETRICHTHYS** Gilbert, 1893.

Uyeno & Miller, 1962(3): 520, 527 (Relationships)

**EMPETRICHTHYS ERDISI** (Jordan).

Uyeno & Miller, 1962(3): 520 (Pliocene-Relationships)

**EMPETRICHTHYS LATOS** Miller

—Poolfish

Uyeno & Miller, 1962(3): 520 (Nev.)

Deacon et al, 1964(2): 386 (Nev.)

**EMPETRICHTHYS MERRIAMII**

Gilbert

Uyeno & Miller, 1962(3): 520 (Nev.)

**ENCHELIOPHIS GRACILIS** (Bleeker)

Strasburg, 1961(4): 478 (Larvae-Hawaii)

**ENGRAULIDAE**

Myers, 1960(1): 67.

Behnke & Wetzel, 1960(2): 142 (Conn.)

Berry, 1964(2): 377 (Upper jaw bones)

**ENGRAULIS** Cuv.

Gunter & Demoran, 1961(1): 40.

Berry, 1964(2): 377 (Upper jaw bones)

**ENGRAULIS ENCHRASICHOLUS**

**ENCHRASICHOLUS**

Dehadrai, 1960(2): 125 (Swim bladder)

Tortonese, 1964(1): 103.

**ENGRAULIS ENCRASICHOLUS**

**MAEOTICUS** (Pusanov)

Slastenko, 1955(3): 233 (Black Sea)

**ENGRAULIS ENCRASICHOLUS**

**PONTICUS** (Essipov)

Slastenko, 1955(3): 233 (Black Sea)

**ENGRAULIS ENCRASICHOLUS**

**SYMAETENSIS**

Tortonese, 1964(1): 104-105. (Med.)

**ENGRAULIS MORDAX** Girard

—Northern Anchovies

Tortonese, 1964(1): 105 (Calif.)

Humsaker & Crawford, 1964(1): 240.

Lasker, 1964(2): 399.

**ENGRAULIS MORDAX NANA** (Girard)

Tortonese, 1964(1): 105 (Calif.)

**ENGYPHRYS** Jordan & Bollman

Eisler, 1963(2): 277. (Coloration)

**ENNEACANTHUS CHAETODON**

Branson & Moore, 1962(1): 9, 17. (Acoustico-lateralis syst.)

Crossman, 1962(1): 120 (N.C.).

**ENNEACANTHUS GLORIOSUS**

(Holbrook)

Eaton, 1956(3): 199 (Olfactory organs).

Branson & Moore, 1962(1): 17-18 (Acoustico-lateralis syst.)

Crossman, 1962(1): 120 (N.C.).

**ENNEACANTHUS OBESUS** (Baird)

—Banded Sunfish

Turner, 1957(3): 196.

- ENNEACANTHUS OBESUS** (continued)  
 Behnke & Wetzel, 1960(2): 143  
 (Conn.)  
 Branson & Moore, 1962(1): 17-18  
 (Acoustico-lateralis syst.)  
**ENTOMACRODOPS** Fowler, 1944.  
 Springer, 1959(4): 291.  
**ENTOMACRODOPS MACROPUS**  
 Fowler, 1944.  
 Springer, 1959(4): 291.  
**ENTOMACRODUS** Gill  
 Hubbs, 1955(1): 45.  
**ENTOSPHEUS TRIDENTATUS**  
 (Gairdner)—Three-toothed  
 Lamprey.  
 Dymond, 1964(1): 4.  
**EOCYPRINUS** Sanders, 1934.  
 De Beaufort, 1964(1): 64  
 (Tertiary - Sumatra)  
**EOPSETTA JORDANI** (Lockington)  
 Batts, 1964(4): 668 (Lepidology).  
**EPHIPPION MACULATUM** Bibron  
 Tortonese, 1964(1): 100 (Med.)  
**EPICERATODUS** Teller  
 De Beaufort, 1964(1): 64.  
**EPICERATODUS FORSTERI** (Krefftt)  
 De Beaufort, 1964(1): 64  
**EPIGONUS DENTICULATUS**  
 Tortonese, 1964(1): 101 (Med.)  
**EPINEPHELUS** Bloch, 1793.  
 Gosline, 1961(3): 266.  
 Tortonese, 1961(4): 471.  
**EPINEPHELUS AENEUS** Geoffr., 1809.  
 Tortonese, 1961(4): 471.  
 Tortonese, 1964(1): 100, 102 (Med.)  
**EPINEPHELUS DRUMMONDHAYI**  
 Goode & Bean  
 Springer, 1961(4): 481 (Tampa Bay,  
 Fla.)  
**EPINEPHELUS GUAZA** (Linn.)  
 Tortonese, 1961(4): 471.  
 Tortonese, 1964(1): 100 (Med.)  
**EPINEPHELUS ITAJARA** (Lichtenstein)  
 —Jewfish  
 Richards, 1963(3): 584 (Ches. Bay)  
**EPINEPHELUS MARGINALIS** Bloch,  
 1793.  
 Tortonese, 1961(4): 471.  
**EPINEPHELUS MYSTACINUS** (Poey)  
 Walters, 1955(2): 147.  
 Walters, 1957(4): 286 (Epinephelas)  
**EPINEPHELUS MORIO** (Valenciennes)  
 —Red Grouper.  
 Walters, 1957(4): 286.  
 Moe, 1963(4): 703 (Partial albinism).  
**EPINEPHELUS STRIATUS** (Bloch)  
 —Nassau Grouper  
 John, 1957(2): 131 (Blinded behavior)  
**EPINEPHELUS STRIATUS** (continued)  
 Hazlett & Winn, 1962(2): 447  
 (Sound production).  
**EPINNULA** Poey  
 Grey, 1960(3): 212 (Tax.)  
**EPINNULA MAGISTRALIS** Poey  
 Grey, 1960(3): 211 (Japan)  
**EPISEMA JEJUNA** Forbes in  
 Jordan, 1878.  
 Smith & Bridges, 1960(3): 253  
 (Type).  
**EPTATRETUS BURGERI** (Girard)  
 —Common Hagfish, Japanese  
 Hagfish.  
 Strahan, 1962(2): 471.  
 Strahan, 1962(4): 801 (Tax. -  
 S. Japan & S. Korea).  
**EPTATRETUS CIRRHATUS**  
 (Temminck & Schlegel)  
 Strahan, 1962(4): 801.  
**EPTAHETUS HEXATREMA**  
 Strahan, 1962(4): 801.  
**EPTATRETUS OKINOSEANUS**  
 (Dean, 1904)  
 Strahan, 1962(4): 801.  
**EPTATRETUS PROFUNDUM**  
 Strahan, 1963(4): 806.  
**EPTATRETUS STOUTI**  
 Strahan, 1959(2): 166 (Slime).  
 Strahan, 1962(2): 471.  
 Strahan, 1962(4): 805.  
**EQUES** Jordan & Evermann, 1898.  
 McPhail, 1961(1): 27 (Preoccupied)  
**EQUES FUSCOVITTATUS** Kendall &  
 Radcliffe  
 McPhail, 1961(1): 30 (Syn.)  
**EQUES LANFEARI** Barton, 1947.  
 McPhail, 1961(1): 31 (Syn.)  
**EQUETUS** Jordan & Evermann,  
 1898.  
 Myers, 1960(1): 67.  
 McPhail, 1961(1): 28 (Tax.)  
**EQUETUS ACUMINATUS** Bloch &  
 Schneider  
 McPhail, 1961(1): 28 (Syn.)  
**EQUETUS LANCEOLATUS** (Linn.)  
 McPhail, 1961(1): 28 (Tax.)  
**EQUETUS LANFEARI** (Barton)  
 Hildebrand & Barton, 1949.  
 McPhail, 1961(1): 31 (Syn.)  
**EQUETUS PULCHER** (Steindachner)  
 McPhail, 1961(1): 28 (Tax.)  
**EQUETUS PUNCTATUS** (Bloch &  
 Schneider)  
 McPhail, 1961(1): 28 (Tax.)  
**EQUETUS VIOLA** (Gilbert)  
 McPhail, 1961(1): 28 (Syn.)

- ERICYMBA Cope  
Branson & Moore, 1962(1): 86  
(Acoustico-lateralis syst.)
- ERICYMBA BUCCATA Cope  
—Silverjaw Minnow  
Reed, 1955(3): 240 (Trematode  
parasite)  
Kuehne & Bailey, 1961(1): 7.  
Smith, 1963(2): 254. (E. Illinois)
- ERIMYZON OBLONGUS (Mitchill)  
—Creek Chubsucker  
Behnke & Wetzel, 1960(2): 142  
(Conn.)  
Smith, 1963(2): 254. (E. Illinois)  
Wagner & Cooper, 1963(2): 350  
(Popul. and growth)
- ERIMYZON SUCETTA (Lac.)  
—Chubsucker  
Odum & Caldwell, 1955(2): 105  
(Respiration in anaerobic  
spring - Fla.)  
Crossman, 1962(1): 120 (N.C.)  
Crossman & Ferguson, 1963(1): 186.  
(Canada)
- ERIMYZON SUCETTA KENNERLYI  
(Girard)—Western Lake  
Chubsucker  
Scott, 1955(2): 151 (Ontario)
- EROGALA Jordan & Brayton, 1878.  
Gibbs, 1957(3): 187 (Tax.)
- EROGALA ANALOSTANA (Girard,  
1859)  
Gibbs, 1963(3): 521 (Syn.)
- EROGALA CHLORISTIA (Jordan &  
Brayton, 1878)  
Gibbs, 1963(3): 522 (Syn.)
- EROGALA WHIPPLII (Girard, 1856)  
Gibbs, 1963(3): 513 (Syn.)
- ESOCIDAE  
Behnke & Wetzel, 1960(2): 140  
(Conn.)  
Smith, 1962(3): 509 (Pliocene).
- ESOX Linn.  
Branson & Moore, 1962(1): 8, 30  
(Acoustico-lateralis syst.)  
Smith, 1962(3): 509 (Pliocene)
- ESOX AMERICANUS AMERICANUS  
Gmelin—Redfin Pickerel  
Odum & Caldwell, 1955(2): 105  
(Respir. in anaerobic spring  
Fla.)  
Behnke & Wetzel, 1960(2): 142  
(Conn.)  
Crossman, 1962(1): 114 (N.C.)  
Smith, 1962(3): 509.  
Smith, 1963(2): 255. (E. Illinois)
- ESOX AMERICANUS VERMICULATUS  
Le Sueur—Grass Pickerel  
Crossman, 1961(2): 235 (Super-  
numary fins)  
Crossman, 1962(1): 114.  
Dymond, 1964(1): 20 (Canada)
- ESOX LONGIROSTRIS Mitchill,  
1818.  
Berry & Rivas, 1962(1): 155 (Syn. -  
Hudson River)
- ESOX LUCIUS Linn.—Northern  
Pike, Silver Pike  
Musacchia, Sullivan & Wilber,  
1957(1): 11. Cross & Metcalf,  
1963(1): 183 (Missouri River)  
Sundararaj, 1958(4): 290 (Seminal  
vesicles)  
Behnke & Wetzel, 1960(2): 142  
(Conn.)  
Franklin & Smith, 1960(2): 143  
(Early growth)  
Branson & Moore, 1962(1): 86  
(Acoustico-lateralis syst.)  
Crossman, 1962(1): 119.  
Bartholomew, Di Vall & Morrow,  
1962(2): 449 (Alaska).  
Smith, 1962(3): 509.  
Verheijen, 1963(1): 175 (Alarm  
substance).  
Smith, 1963(2): 279.  
Dymond, 1964(1): 20 (Canada).  
Morrow, 1964(1): 235 (Pop. in  
Alaska & N.E. North Amer.)
- ESOX MARINUS Walbaum, 1792.  
Berry & Rivas, 1962(1): 155  
(Syn. - N.Y.)
- ESOX MASQUINONGY Mitchill  
—Muskellunge  
Smith, 1958(3): 179 (Pleistocene)  
Crossman, 1962(1): 119.  
Smith, 1962(3): 509.  
Smith, 1963(2): 279. (Pleistocene -  
S.W. Kansas)  
Wagner & Cooper, 1963(2): 351.  
Dymond, 1964(1): 20 (Canada).  
McCleave, 1964(3): 507.
- ESOX NIGER Le Sueur—Chain  
Pickerel  
Behnke & Wetzel, 1960(2): 142  
(Conn.)  
Krueger, 1961(4): 449.  
Crossman, 1962(1): 116 (N.C.)  
Smith, 1962(3): 509.  
Wagner & Cooper, 1963(2): 351.
- ESOX TIMUCU Walbaum, 1792.  
Berry & Rivas, 1962(1): 155  
(Syn. - Brazil)

- ETHEOSTOMA Raf.  
Branson & Moore, 1962(1): 29, 86.  
(Acoustico-lateralis syst.)
- ETHEOSTOMA ACUTICEPS Bailey  
Raney & Suttks, 1964(1): 130.  
(Tenn.)
- ETHEOSTOMA AUSTRALE Jordan  
Richards & Knapp, 1964(4): 691  
(Tax.)
- ETHEOSTOMA BLENNIOIDES Raf.  
—Northern Greenside Darter  
Strawn, 1958(1): 19.  
Reed, 1959(2): 162 (N.W. Pa.)  
Eddy & Underhill, 1959(4): 343.  
Collette, 1963(4): 616.  
Raney & Suttks, 1964(1): 139.
- ETHEOSTOMA CAERULEUM  
CAERULEUM Storer—Rainbow  
Darter  
Reed, 1955(3): 240 (Trematode  
parasite)  
Reed, 1957(3): 250 (N. Pa.)  
Williams, 1959(1): 20-21 (Ovary  
weight)  
Stegman & Minckley, 1959(4): 341  
(Ill.)  
Eddy & Underhill, 1959(4): 342.  
Speare, 1960(3): 242 (Mich.)  
Kuehne & Bailey, 1961(1): 7.  
Smith, 1963(2): 255. (E. Ill.)  
Raney & Suttks, 1964(1): 139.
- ETHEOSTOMA CAMURUM (Cope)  
—Bluebreast Darter  
Mount, 1959(3): 240 (Spawning  
behavior)  
Raney & Suttks, 1964(1): 131  
(Tenn.)
- ETHEOSTOMA CHLOROSOMUM (Hay)  
Moore & Reeves, 1955(2): 92.  
Smith & Bridges, 1960(3): 254 (Ill.)  
Collette, 1963(4): 615.
- ETHEOSTOMA CINEREA Storer  
Richards & Knapp, 1964(4): 691  
(Tax.)
- ETHEOSTOMA COLLIS COLLIS  
Collette, 1963(4): 615.
- ETHEOSTOMA CRAGINI Gilbert.  
Distler & Metcalf, 1962(3): 559-560  
(Ark.)  
Collette, 1963(4): 615.
- ETHEOSTOMA CYMATOTAENIA  
Gilbert & Meek  
Richards & Knapp, 1964(4): 691  
(Tax.)
- ETHEOSTOMA EDWINI  
Collette, 1963(4): 615.
- ETHEOSTOMA EUZONUM (Hubbs &  
Black)  
Collette, 1963(4): 615.  
Raney & Suttks, 1964(1): 139.
- ETHEOSTOMA EXILE (Girard)  
Collette, 1963(4): 616.
- ETHEOSTOMA FLABELLARE  
FLABELLARE (Raf.)  
—Barred Fantail Darter  
Daiber, 1956(3): 141 (Winter  
feeding habits - W. N. Y.)  
Williams, 1959(1): 20-21 (Ovary  
weight)  
Kuehne & Bailey, 1961(1): 7.  
Collette, 1963(4): 616.
- ETHEOSTOMA FLABELLARE  
LINEOLATUM (Agassiz)  
Stegman & Minckley, 1959(4): 341  
(Ill. - In gravel)
- ETHEOSTOMA FONTICOLA  
Jordan & Gilbert  
Hubbs, 1958(1): 58.  
Hubbs & Lantz, 1961(2): 231  
(Hybrids)
- ETHEOSTOMA FRICKSIUM  
Hildebrand  
Anderson, 1964(1): 243 (S.C.)
- ETHEOSTOMA FUSIFORME (Girard)  
—Swamp Darter  
Behnke & Wetzel, 1960(2): 143  
(Conn.)  
Springer, 1961(4): 481 (Tampa  
Bay, Fla.)  
Collette, 1963(4): 615.
- ETHEOSTOMA FUSIFORME  
BARRATTI (Holbrook)  
Collette, 1963(4): 616.
- ETHEOSTOMA FUSIFORME  
FUSIFORME (Girard)  
Collette, 1963(4): 616.
- ETHEOSTOMA GRACILE (Girard)  
Moore & Reeves, 1955(2): 92.  
Collette, 1963(4): 615.
- ETHEOSTOMA GRAHAMI  
Hubbs, 1958(1): 58 (Hybrids)  
Robinson, 1959(3): 255 (Lower  
Rio Grande)  
Collette, 1963(4): 615.
- ETHEOSTOMA GÜNTHERI  
Eigenmann & Eigenmann  
Richards & Knapp, 1964(4): 691  
(Tax.)
- ETHEOSTOMA JESSIAE (Jordan &  
Brayton)  
Collette, 1963(4): 615.



- ETHEOSTOMA JORDANI Gilbert  
Raney & Suttkus, 1964(1): 132 (Ga. - Ala.)
- ETHEOSTOMA KANAWHAE (Raney)  
Bailey & Gilbert, 1960(4): 354.
- ETHEOSTOMA KENNICOTTI  
Kuehne & Bailey, 1961(1): 7.
- ETHEOSTOMA LEPIDUM (Girard)  
— Greenthroat Darter  
Strawn, 1958(1): 20.  
Hubbs, 1958(1): 57 (Hybrids)  
Hubbs, 1960(1): 1 (Duration of sperm function)  
Hubbs, Littlejohn & Littlejohn, 1960(1): 69 (Ammonia fumes)  
Hubbs, 1961(2): 195 (Temp. tolerances - Texas)  
Hubbs, 1961(2): 198 (Incubation period)  
Hubbs & Laritz, 1961(2): 231 (Hybrids)
- ETHEOSTOMA LEPIDUM × HADROPTERUS SCIERUS  
Hubbs, 1960(1): 2 (Intersexes)
- ETHEOSTOMA LEPIDUM × PERCINA CAPRODES  
Hubbs, 1960(1): 2 (Intersexes)
- ETHEOSTOMA LONGIMANUM (Jordan)  
Speare, 1960(3): 241.  
Gilbert, 1961(4): 455.
- ETHEOSTOMA MACROCEPHALUM  
Cope  
Richards & Knapp, 1964(4): 691 (Tax.)
- ETHEOSTOMA MACULATUM Kirtland  
Williams, 1959(1): 19 (Egg-count)  
Raney & Suttkus, 1964(1): 133 (Ohio)
- ETHEOSTOMA MOOREI Raney & Suttkus, 1964. — Moore's Darter  
Raney & Suttkus, 1964(1): 131 (Ark.)
- ETHEOSTOMA NIANGUAE Gilbert & Meek  
Kuehne & Bailey, 1961(1): 1 (Tax.)  
Richards & Knapp, 1964(4): 691 (Tax.)
- ETHEOSTOMA NIANGUAE SPILOTUM  
Gilbert.  
Kuehne & Bailey, 1961(1): 3 (Tax.)
- ETHEOSTOMA NIGRUM NIGRUM (Raf.)  
— Johnny Darter  
Moore & Reeves, 1955(2): 92.  
Williams, 1959(1): 20-21 (Ovary weight)  
Behnke & Wetzel, 1960(2): 143 (Conn.)  
Winn & Picciolo, 1960(3): 189.  
Speare, 1960(3): 241 (Growth - Mich.)
- ETHEOSTOMA NIGRUM NIGRUM (continued)  
Kuehne & Bailey, 1961(1): 7.  
Gilbert, 1961(4): 455.  
Roberts & Winn, 1962(3): 567 (Senses in feeding behavior)  
Smith, 1963(2): 254 (E. Ill.)
- ETHEOSTOMA NIGRUM SUSANAE (Jordan & Swain)  
Kuehne & Bailey, 1961(1): 7 (Ky.)
- ETHEOSTOMA OKALOOSAE  
Collette, 1963(4): 615-616.
- ETHEOSTOMA OLMSTEDI (Storer)  
Speare, 1960(3): 241.  
Collette, 1963(4): 616.  
Knapp et al, 1963(2): 455 (Md.)
- ETHEOSTOMA OSBURNI (Hubbs & Trautman)  
Bailey & Gilbert, 1960(4): 354.
- ETHEOSTOMA OUACHITAE (Jordan & Gilbert)  
Richards & Knapp, 1964(4): 691 (Tax.)
- ETHEOSTOMA PALLIDIDORSUM  
Distler & Metcalf, 1962.  
— Paleback Darter.  
Distler & Metcalf, 1962(3): 556 (Ark.)
- ETHEOSTOMA PELTATUM Stauffer  
Richards & Knapp, 1964(4): 691 (Tax.)
- ETHEOSTOMA PHOXOCEPHALUM  
Nelson  
Richards & Knapp, 1964(4): 691 (Tax.)
- ETHEOSTOMA PODOSTEMONE (Jordan & Jenkins)  
Gilbert, 1961(4): 456.
- ETHEOSTOMA POTTSI (Girard)  
Collette, 1963(4): 615-616.
- ETHEOSTOMA PROELIARE (Hay)  
Moore & Reeves, 1955(2): 92.  
Collette, 1963(4): 616.
- ETHEOSTOMA PUNCTULATUM (Agassiz)  
Collette, 1963(4): 616.
- ETHEOSTOMA RADIOSUM RADIOSUM (Hubbs & Black).  
Moore & Reeves, 1955(2): 92.  
Hubbs, 1958(1): 58 (Hybrids)  
Hubbs, Littlejohn & Littlejohn, 1960(1): 69 (Ammonia fumes)  
Distler & Metcalf, 1962(3): 560.
- ETHEOSTOMA RUFILENEATUM (Cope)  
Raney & Suttkus, 1964(1): 133 (Tenn.)

- ETHEOSTOMA SAGITTA SAGITTA  
(Jordan & Swain)—Arrow Darter  
Kuehne & Bailey, 1961(1): 1 (Tax.  
and distrib.)
- ETHEOSTOMA SAGITTA SPILOTUM  
Gilbert  
Kuehne & Bailey, 1961(1): 3 (Tax.  
and status)
- ETHEOSTOMA SALUDAE  
Collette, 1963(4): 616.
- ETHEOSTOMA SELLARE (Radcliffe  
& Welch, 1913)  
Robins, 1961(3): 311.  
Knapp, Richards, Miller & Foster,  
1963(2): 455 (Rediscovery, Md.)  
Richards & Knapp, 1964(4): 691  
(Tax.)
- ETHEOSTOMA SERRIFERUM  
Collette, 1963(4): 616.
- ETHEOSTOMA SPECTABILE  
SPECTABILE (Agassiz)  
—Orangethroat Darter  
Hubbs, 1958(1): 57 (Hybrids)  
Hubbs, 1958(2): 102 (Geogr. var. in  
egg complement)  
Williams, 1959(1): 20-21 (Ovary  
weight)  
Stegman & Minckley, 1959(4): 341  
(Ill.)  
Hubbs, 1960(1): 1 (Duration of sperm  
function)  
Hubbs, Littlejohn & Littlejohn,  
1960(1): 69 (Ammonia fumes)  
Hubbs, 1961(2): 195 (Temp.  
tolerances - Texas)  
Hubbs & Laritz, 1961(2): 231  
(Hybrids)  
Smith, 1963(2): 254 (E. Illinois)  
Collette, 1963(4): 616.
- ETHEOSTOMA SPECTABILIS ×  
HADROPTERUS SCIERUS  
Hubbs, 1960(1): 2 (Intersexes)
- ETHEOSTOMA SPECTABILIS ×  
PERCINA CAPRODES  
Hubbs, 1960(1): 2 (Sterile inter-  
sexes)
- ETHEOSTOMA SPILOTUM Gilbert  
Kuehne & Bailey, 1961(1): 1 (Tax.)
- ETHEOSTOMA SQUAMATUS Gilbert  
& Swain  
Richards & Knapp, 1964(4): 691  
(Tax.)
- ETHEOSTOMA TESSELLATA Storer  
Richards & Knapp, 1964(4): 691  
(Tax.)
- ETHEOSTOMA TIPPECANOE Jordan  
& Evermann.  
Raney & Suttkus, 1964(1): 132 (Ohio).
- ETHEOSTOMA VARIATA Kirtland  
Collette, 1963(4): 616.  
Richards & Knapp, 1964(4): 691  
(Tax.)
- ETHEOSTOMA VITREUM (Cope)  
—Glassy Darter  
Winn & Picciolo, 1960(3): 186  
(Communal spawning)  
Collette, 1963(4): 616.
- ETHEOSTOMA ZONALE ZONALE  
(Cope)—Banded Darter  
Reed, 1959(2): 162 (N.W. Pa.)  
Eddy & Underhill, 1959(4): 342.  
Collette, 1963(4): 616.  
Raney & Suttkus, 1964(1): 139.
- ETHEOSTOMATINI  
Collette, 1963(4): 615 (Phylogeny)
- ETMOPTERUS BULLISI Bigelow &  
Schroeder—Shark  
Springer, 1959(1): 33 (N.C. - Atl.)
- ETMOPTERUS SPINAX (Linn.)  
Tortonese, 1964(1): 102, 103.  
(Med.)
- ETRUMEUS SADINA (Mitchill)  
—Round Herring  
Massmann, 1960(1): 70 (Ches.  
Bay)
- ETRUMEUS TERES (Dekay)  
Tortonese, 1964(1): 103.
- EUBALICHTHYS Whitley, 1930.  
Randall, 1964(2): 335.
- EUCALIA INCONSTANS (Kirtland)  
—Brook Stickleback  
Personius & Eddy, 1955(1): 42  
(Little Missouri R.)  
Behnke & Wetzel, 1960(2): 142  
(Conn.)
- EUCINOSTOMUS ARGENTEUS  
Baird & Girard  
Harrington & Rivas, 1958(2): 129  
(Fla.)  
Robinson, 1959(3): 255 (Lower  
Rio Grande)  
Picciolo, 1960(1): 70-71 (Devel.  
Anterior interhaemal cone)  
Gunter & Hall, 1963(3): 597 (Fla.)
- EUCINOSTOMUS CALIFORNIENSIS  
Günther  
Gunter, 1957(1): 13 (In fresh  
water - Costa Rica)
- EUCINOSTOMUS GULA (Cuvier)  
Breder, 1962(2): 460 (Effects of  
hurricane - Guoy & Gaimard)  
Gunter & Hall, 1963(3): 597 (Fla.)
- EUCINOSTOMUS PSEUDOGULA  
HARENGULUS (Goode & Bean)  
Gunter, 1957(1): 15 (In fresh  
water)

- EUCTENOGOBIOUS** Gill  
Mead & Böhlke, 1958(4): 288.
- EUCYCLOGOBIOUS** Gill, 1862.  
Barlow, 1961(4): 424.
- EUCYCLOGOBIOUS NEWBERRYI** (Girard)  
Carpelan, 1961(1): 38 (Salinity tolerance)
- EUGERRES PLUMIERI** (Cuvier)  
Harrington, 1958(1): 2 (Fla.)  
Harrington & Rivas, 1958(2): 129 (Fla.)
- EULAMIA FALCIFORMIS** (Müller & Henle)—Scythe-fin Shark  
Backus, 1957(3): 247 (N.W. Atl.)  
Bartlett & Backus, 1962(4): 846.
- EULAMIA FLORIDANUS** (Bigel., Schroeder & Springer)  
Springer, 1961(4): 481 (Tampa Bay, Fla.)  
Strasburg, 1963(1): 38. (Tooth replacement)  
Garrick, Backus & Gibbs, 1964(2): 373.
- EULAMIA LAMIA** (Blainville)  
Davies, 1960(4): 351.
- EULAMIA LIMBATA** Müller & Henle  
Davies, 1960(4): 350 (S. Afr. - attack)
- EULAMIA MILBERTI** (Müller & Henle)  
—Sandbar Shark  
Springer, 1961(4): 481 (Tampa Bay, Fla.)  
Essapian, 1962(2): 457 (Behavior in captivity).
- EULAMIA OBSCURA** (Le Sueur)  
—Dusky Shark  
Backus, 1957(3): 248 (N.W. Atl.)
- EULEPTORHAMPHUS VELOX** Poey  
Breder, 1960(1): 73 (Off Long Island, N. Y.)
- EUMECICHTHYS FISKI** Hutton & Drummond  
Walters, 1957(1): 60.
- EUMICROTREMUS SPINOSUS** (Müller)  
Gordon & Backus, 1957(1): 19 (Labrador)
- EUPOMACENTRUS** Bleeker  
Nelson, 1959(2): 152 (Cyclopean-cranial anatomy - Gulf of Mex.)
- EUPROTOMICRUS** Gill  
Garrick & Springer, 1964(4): 678-679.
- EUPROTOMICRUS BISPINATUS** (Quoy & Gaimard)  
Otsu & Yoshida, 1957(1): 58 (Pacific Ocean)  
Garrick & Springer, 1964(4): 679.
- EURYPHARYNGIDAE**  
Briggs, 1960(3): 175.
- EURYPHARYNX PELECANOIDES** Vaillant  
Briggs, 1960(3): 175 (Circum-tropical)  
Orton, 1963(1): 7. (Larva)
- EUSTIRA** Günther, 1868.  
Silas, 1957(1): 61 (Tax.)
- EUSTIRA CEYLONENSIS** Günther, 1868.  
Silas, 1957(1): 61 (Tax.)
- EUSTIRA MAASSI** Weber & de Beaufort  
Silas, 1957(1): 61 (Tax.)
- EUSTOMIAS BIFILIS** Gibbs, 1960.  
Gibbs, 1960(3): 201-202 (Baja Calif., Mex.)
- EUSTOMIAS BULBORNATUS** Gibbs, 1960.  
Gibbs, 1960(3): 200 (Japan)
- EUSTOMIAS LONGIBARBA** Parr, 1927.  
Gibbs, 1960(3): 202 (Distrib.)
- EUTELICHTHYIDAE**  
Tortonese, 1964(1): 101.
- EUTELICHTHYS LEPTOCHIRUS**  
Tortonese, 1964(1): 101 (Med.)
- EUTHYNNUS ALLETTERATUS** (Raf.)  
Bullis, 1955(2): 153 (Schooling, Gulf of Mexico).  
Massmann, 1957(2): 157 (Ches. Bay)
- EUTHYNNUS PELAMIS** (Linn.)  
—Skipjack Tuna  
Squires, 1962(1): 219 (N. Atl.)  
Nakamura, 1962(3): 499 (Behavior in captivity).  
Strasburg, 1964(1): 229.
- EUTHYNNUS YAITO** Kiskinouge  
Nakamura, 1962(3): 500 (Habits in captivity).
- EVERMANNIA** Jordan, 1895.  
Barlow, 1961(4): 424.
- EVERMANNICHTHYS SPONGICOLA** (Radcliffe)  
Springer, 1961(4): 482 (Tampa Bay, Fla.)
- EVIOTA** Jenkins  
Rofen, 1959(3): 237.  
Robins & Böhlke, 1961(1): 46.
- EVIOTOPS** Smith, 1957.  
Rofen, 1959(3): 237.  
Robins & Böhlke, 1961(1): 46.
- EVIOTOPS INFULATUS** Smith, 1957.  
Rofen, 1959(3): 237.

- EVIOTOPS STORTHYNX Rofen,  
 1959.  
 Rofen, 1959(3): 237 (Philippine Isl.)  
 EVORTHODUS LYRICUS (Girard)  
 Massmann, 1957(2): 157 (Ches.  
 Bay)  
 Harrington, 1958(1): 2 (Fla.)  
 Harrington & Rivas, 1958(2): 129  
 (Fla.)  
 Robins & Böhlke, 1961(1): 49.  
 EXOCETES Linn. (Exocoetus)  
 Branson & Moore, 1962(1): 28  
 (Acoustico-lateralis syst.)  
 EXOCOETIDAE  
 Berry & Rivas, 1962(1): 152.  
 EXOCOETUS Linn.  
 Orton, 1957(1): 57 (Embryology)  
 Orton, 1964(1): 146.  
 EXOGLOSSUM Raf.  
 Minckley & Craddock, 1962(2): 374.  
 EXOGLOSSUM MAXILLINGUA  
 (Le Sueur)  
 Behnke & Wetzel, 1960(2): 142  
 (Conn.)  
 Knapp et al, 1963(2): 455 (Md.)  
 EXTRARIUS Jordan  
 Cahn & Shaw, 1962(1): 110  
 (Cupulae).
- F**
- FELICHTHYS Swainson  
 Jayaram, 1956(4): 249.  
 FELICHTHYS MARINUS (Mitchill)  
 Jayaram, 1956(4): 248 (Tax.)  
 FIERASFER ACUS Brünn  
 Orton, 1955(3): 214 (Eggs)  
 FIERASFER DUBIUS Eigenmann,  
 1892.  
 Orton, 1955(3): 210.  
 FISH POPULATIONS  
 Egerton, 1962(4): 850 (17th cent.  
 notes).  
 FISHERY RESEARCH  
 Lander, 1956(3): 151 (Sequential  
 analysis)  
 FISTULARIA Linn.  
 Springer, 1957(2): 140.  
 FISTULARIA TABACARIA Linn.  
 Dawson, 1962(2): 443 (Gulf of Mex.)  
 FLEXIPENIS Hubbs  
 Rivas, 1963(2): 334 (Tax. and  
 descript.)  
 FLEXIPENIS VITTA (sic) "Scrimshaw"  
 Rivas, 1963(2): 333. (Tax.)  
 FLEXIPENIS VITTATUS (Hubbs)  
 Rivas, 1963(2): 334 (Type of genus).
- FLEXIPENIS VITTATA "Turner"  
 Rivas, 1963(2): 333. (Tax.)  
 FORCIPIGER Jordan & McGregor  
 — Butterflyfish  
 Randall, 1961(1): 53.  
 FORCIPIGER CYRANO Randall,  
 1961.  
 Randall, 1961(1): 60 (Celebes).  
 Wheeler, 1964(1): 165.  
 FORCIPIGER FLAVISSIMUS Jordan  
 & McGregor, 1898.  
 Randall, 1961(1): 56 (Syn.)  
 FORCIPIGER INORNATUS  
 Randall, 1961.  
 Randall, 1961(1): 58 (Hawaii)  
 Wheeler, 1964(1): 165.  
 FORCIPIGER LOL (Montrouzier,  
 1856)  
 Wheeler, 1964(1): 168.  
 FORCIPIGER LONGIROSTRIS  
 (Broussonet)  
 Randall, 1961(1): 53 (Indo-Pacific)  
 Wheeler, 1964(1): 165 (Re-  
 discovery of Type).  
 FOSSILIZATION OF FISHES  
 Breder, 1957(2): 132.  
 FUNDULUS Lac.  
 Rosen & Mendelson, 1960(3): 210.  
 Carpelan, 1961(1): 32.  
 Branson & Moore, 1962(1): 28  
 (Acoustico-lateralis syst.)  
 Cahn & Shaw, 1962(1): 110  
 (Cupulae)  
 Sharma, 1964(3): 533.  
 FUNDULUS CHRYSOTUS (Günther)  
 Brown, 1956(4): 251 (Dist.  
 charact. - S. C., Fla., La.)  
 FUNDULUS CINGULATUS Val.  
 Brown, 1956(4): 251 (Dist.  
 charact. - Ga. and Fla.)  
 FUNDULUS CONFLUENTUS  
 CONFLUENTUS Goode & Bean  
 Harrington, 1958(1): 2 (Fla.)  
 Harrington & Rivas, 1958(2): 129  
 (Fla.)  
 Breder, 1962(2): 460 (Effects of  
 hurricane).  
 FUNDULUS CURRYI Miller  
 Uyeno & Miller, 1962(3): 529  
 (Pliocene).  
 FUNDULUS DAVIDAE Miller  
 Uyeno & Miller, 1962(3): 529.  
 FUNDULUS DETILLAI Hibbard &  
 Dunkle—Killifish  
 Smith, 1962(3): 512 (Pliocene -  
 Kansas).

- FUNDULUS DIAPHANUS** (Le Sueur)  
 — Banded Killifish  
 Behnke & Wetzel, 1960(2): 142 (Conn.)  
 Gilbert, 1961(2): 184.
- FUNDULUS EULEPIS** Miller  
 Uyeno & Miller, 1962(3): 529 (Pliocene).
- FUNDULUS GRANDIS GRANDIS**  
 Baird & Girard  
 Harrington, 1958(1): 2 (Fla.)  
 Harrington & Rivas, 1958(2): 129 (Fla.)  
 Hubbs, 1960(1): 1.  
 Uyeno & Miller, 1962(3): 522.
- FUNDULUS HETEROCLITUS** (Linn.)  
 — New England Mummichog  
 Turner, 1957(3): 196.  
 Butner & Brattshom, 1960(2): 139 (Local movement - Long Isl.)  
 Behnke & Wetzel, 1960(2): 142 (Conn.)  
 Baslow & Nigrelli, 1961(1): 10.  
 Krueger, 1961(4): 447.  
 Branson & Moore, 1962(1): 30, 64 (Acoustico-lateralis syst.)  
 Huver & Steinberg, 1963(1): 187. (Melanophores in Aembryonic eggs).  
 Huver, 1963(3): 591 (Dechorionating eggs).  
 Myers, 1964(1): 34.
- FUNDULUS KANSAE** Garman  
 Smith, 1962(3): 512.
- FUNDULUS LIMA** (Vaillant)  
 Uyeno & Miller, 1962(3): 529.
- FUNDULUS LUCIAE** (Baird)  
 Brown, 1956(4): 251.
- FUNDULUS NEVADENSIS** (Eastman)  
 Uyeno & Miller, 1962(3): 529 (Pliocene - Nevada).
- FUNDULUS NOTATUS** (Raf.)  
 — Blackstripe Topminnow  
 Smith, 1963(2): 254. (E. Illinois)
- FUNDULUS NOTTI** (Agassiz)  
 Crossman, 1962(1): 120 (N.C.)  
 Uyeno & Miller, 1962(3): 522.
- FUNDULUS PARVIPINNIS** Girard  
 Carpelan, 1961(1): 35 (Salinity tolerance)  
 Uyeno & Miller, 1962(3): 529.
- FUNDULUS SMILIS** (Baird & Girard)  
 Harrington, 1958(1): 2 (Fla.)  
 Harrington & Rivas, 1958(2): 129 (Fla.)  
 Hubbs, 1960(1): 1.

- FUNDULUS STERNBERGI**  
 Robertson, 1943.  
 Smith, 1962(3): 512 (Syn.)
- FUNDULUS ZEBRINUS** (Jordan & Gilbert)  
 Miller, 1963(1): 1. (Arizona)

**G**

- GADIDAE**  
 Cohn & Shaw, 1962(1): 110 (Cupulae).  
 Berry, 1964(2): 382 (Upper jaw bones)
- GADOMUS LONGIFILIS** (Goode & Bean)—Rattail  
 Briggs, 1960(3): 176 (Circum-tropical)
- GADUS** Linn.  
 Cohn & Shaw, 1962(1): 110 (Cupulae).  
 Sharma, 1964(3): 533.
- GADUS CALLARIAS** Linn.  
 — Norwegian Codfish  
 Oppenheimer, 1955(1): 45 (Effects of antibiotics on pelagic eggs)  
 Winn et al, 1964(2): 420 (Sounds)
- GADUS MACROCEPHALUS**  
 Tilesius—Pacific Cod  
 Mansueti, 1963(1): 52. (Symbiosis with jellyfish)
- GADUS MERLANGUS** Linn.  
 — European Whiting  
 Mansueti, 1963(1): 52. (Symbiosis with jellyfish)  
 Sindermann & Honey, 1963(3): 534 (Hemoglobins)
- GADUS MINUTUS CAPELANUS** (Lac.)  
 Tortonese, 1964(1): 104 (Med.).
- GADUS MINUTUS MINUTUS** Linn.  
 Tortonese, 1964(1): 104 (Atl. O.)
- GADUS MORHUA** Linn.—Atlantic Cod  
 Breder, 1962(3): 562 (Transparency in eggs and larvae)  
 Mansueti, 1963(1): 52. (Symbiosis with jellyfish)  
 Hewitt et al, 1963(2): 297 (Muscle proteins)  
 Sindermann & Honey, 1963(3): 534 (Hemoglobins)
- GADUS OGAC** Richardson  
 Kooyman, 1963(2): 458 (Hemoglobin)
- GADUS POLLACHIUS** Linn., 1758.  
 Hewitt et al, 1963(2): 296. (Muscle proteins)

- GADUS VIRENS** (Linn.)  
Hewitt et al, 1963(2): 296. (Muscle proteins)
- GAGATA** Bleeker  
Saxena, 1962(3): 657.
- GAIDROPSARUS ARGENTATUS** (Reinhardt)  
Hubbs, 1955(1): 50 (Tax.)
- GAIDROPSARUS ARGENTEOLUS** (Montagu)  
Hubbs, 1955(1): 50 (Tax.)
- GAIDROPSARUS ENSIS** (Reinhardt)  
Hubbs, 1955(1): 50 (Tax.)
- GAIDROPSARUS MEDITERRANEUS** (Linn.)  
Hubbs, 1955(1): 50 (Tax.)
- GAIDROPSARUS REINHARDTI** (Collett)  
Hubbs, 1955(1): 50 (Tax.)
- GAIDROPSARUS VULGARIS** (Yarrell)  
Hubbs, 1955(1): 49 (Labrador Sea)
- GALEICHTHYS ASSIMILIS** (Günther)  
—Catfish  
Hubbs & Miller, 1960(2): 107 (Guatemala)
- GALEICHTHYS DASYCEPHALUS** (Günther)  
Krejsa, 1960(4): 333.
- GALEICHTHYS FELIS** (Linn.)  
—Sea Catfish  
Ward, 1957(4): 295 (Reprod. & early develop. - Miss.)  
Robinson, 1959(3): 255 (Lower Rio Grande)  
Hubbs & Miller, 1960(2): 109.  
Winn et al, 1964(2): 420 (sounds).
- GALEICHTHYS GUATEMALENSIS** (Günther)  
Miller, 1958(3): 237 (Mex.)
- GALEOCERDO CUVIERI** (Peron & LeSueur) — Tiger Shark  
Massmann, 1957(2): 156 (Ches. Bay)  
Clark, 1960(1): 64 (Attacks Humans)  
Briggs, 1960(3): 173 (Circumtropical - Peron & LeSueur)  
Bonham, 1960(3): 257 (Marshall Isl.)  
Essapian, 1962(2): 457 (Behavior in captivity)  
Hess, 1962(3): 654 (N. Atl.)  
Bartlett & Backus, 1962(4): 846.  
Strasburg, 1963(1): 38. (Tooth replacement)
- GALEOIDES POLYDACTYLUS** Vahl.  
Tortonese, 1964(1): 100-101 (Med.)
- GAMBUSIA** Poey  
Rosenthal, 1955(1): 53 (Abnormal birth of broods)  
Rivas, 1963(2): 331. (Reinterpretation, taxonomy)
- GAMBUSIA AESTIPUTEUS** Fowler  
Rivas, 1963(2): 335 (Tax.)
- GAMBUSIA AFFINIS** (Baird & Girard, 1854)—Mosquito fish.  
Warburton, Hubbs & Hagen, 1957(4): 299.  
Hubbs, 1958(3): 239.  
Robinson, 1959(3): 255 (Lower Rio Grande)  
Rosen & Mendelson, 1960(3): 204 (Sensory canals)  
Rosen & Tucker, 1961(2): 202 (Sex behavior in Viviparous fishes)  
Minckley, 1962(2): 393 (Meek, 1904).  
Hubbs & Delco, 1962(2): 396 (Courtship preferences)  
Hewitt et al, 1963(2): 298 (Muscle proteins)  
Rivas, 1963(2): 333 (Type of Arthropallus & Schizophallus)  
Hunsaker & Crawford, 1964(1): 240.  
Deacon et al, 1964(2): 386 (Nev.).  
Ferguson & Boyd, 1964(4): 706 (Resist. to methyl parathion)
- GAMBUSIA AFFINIS HOLBROOKI** (Girard)—Eastern Gambusia  
Odum & Caldwell, 1955(2): 105 (Respir. in Anaerobic spring - Fla.)  
Harrington, 1958(1): 2 (Fla.)  
Harrington & Rivas, 1958(2): 129 (Fla.)  
Rivas, 1963(2): 339 (Tax.)
- GAMBUSIA ALVAREZI** Hubbs & Springer, 1957.  
Warburton, Hubbs & Hagen, 1957(4): 299.  
Rivas, 1963(2): 335 (Tax.)
- GAMBUSIA ATZI** Rosen & Gordon  
Rivas, 1963(2): 335 (Tax.)
- GAMBUSIA BARACOANA** Rivas, 1944.  
Rivas, 1963(2): 335 (Tax.)
- GAMBUSIA BEEBEI** Myers, 1935.  
Rivas, 1963(2): 335 (Tax.)
- GAMBUSIA BUCHERI** Rivas, 1944.  
Rivas, 1963(2): 335 (Tax.)
- GAMBUSIA CALIENSIS** Eigenm & Henn.  
Rivas, 1963(2): 333. (Tax.)
- GAMBUSIA CAUDOVITTATA** Regan  
Rivas, 1963(2): 334.
- GAMBUSIA CAYMANENSIS** Regan, 1913.  
Rivas, 1963(2): 333. (Tax.)
- GAMBUSIA DOMINICENSIS** Regan, 1913.  
Rosen & Mendelson, 1960(3): 204 (Sensory canals)  
Rivas, 1963(2): 333. (Tax.)



- GAMBUSIA DOVII Regan  
Rivas, 1963(2): 333-334. (Tax.)
- GAMBUSIA GAIGEI Hubbs, 1929.  
Warburton, Hubbs & Hagen, 1957(4): 299.  
Hubbs, 1958(3): 239.  
Rivas, 1963(2): 335 (Tax.)
- GAMBUSIA GEISERI Hubbs & Hubbs, 1957  
Hubbs, 1958(3): 239.  
Rosen & Mendelson, 1960(3): 204, (Sensory canals)  
Hubbs & Delco, 1962(2): 396 (Courtship preferences).  
Hewitt et al, 1963(2): 298. (Muscle proteins)  
Rivas, 1963(2): 335 (Tax.)
- GAMBUSIA GRACILIOR Regan, 1913.  
Rosen & Mendelson, 1960(3): 204 (Sensory canals)  
Rivas, 1963(2): 333. (Tax.)
- GAMBUSIA GRACILIS Garman, 1895. (1885).  
Minckley, 1962(2): 393 (Syn.).  
Rivas, 1963(2): 340 (Mexico).
- GAMBUSIA HETEROCHIR Clark Hubbs, 1957.  
Warburton, Hubbs & Hagen, 1957(4): 299 (Reprod. behavior)  
Hubbs, 1958(3): 239.  
Rosen & Tucker, 1961(2): 202 (Sex behavior in viviparous fishes)  
Rivas, 1963(2): 335 (Tax.)
- GAMBUSIA HOLBROOKI Girard.  
Rivas, 1963(2): 333, 335. (Type of Schizophallus)
- GAMBUSIA HOWELLI Rivas, 1944.  
Rosen & Mendelson, 1960(3): 204 (Sensory canals)  
Rivas, 1963(2): 335 (Tax.)
- GAMBUSIA HUBBSI Breder, 1934.  
Rivas, 1963(2): 335 (Tax.)
- GAMBUSIA HURTADOI Hubbs & Springer, 1957.  
Warburton, Hubbs & Hagen, 1957(11): 299.  
Hubbs & Delco, 1962(2): 397.  
Rivas, 1963(2): 335 (Tax.)
- GAMBUSIA LEMAITREI Fowler, 1950.  
Rivas, 1963(2): 335 (Tax.)
- GAMBUSIA LONGISPINIS Minckley, 1962.  
Minckley, 1962(2): 391 (N. E. Mexico)  
Rivas, 1963(2): 335 (Tax.)  
Miller & Minckley, 1963(3): 538.
- GAMBUSIA MANNI Hubbs, 1927.  
Rosen & Tucker, 1961(2): 202 (Sex behavior in Viviparous fishes)  
Rivas, 1963(2): 335 (Tax.)
- GAMBUSIA MARSHI Minckley & Craddock, 1962.  
Minckley, 1962(2): 393 (Mexico).  
Rivas, 1963(2): 335 (Tax.)
- GAMBUSIA MCNIELI Fowler  
Rivas, 1963(2): 333-334. (Tax.)
- GAMBUSIA MELANOSTICTA Regan  
Rivas, 1963(2): 333-334. (Tax.)
- GAMBUSIA MELAPLEURA (Gosse, 1851).  
Rivas, 1963(2): 335, 344. (Tax.)
- GAMBUSIA MODESTA Ahl  
Rivas, 1963(2): 333. (Tax.)
- GAMBUSIA MYERSI Ahl  
Rivas, 1963(2): 333. (Tax.)
- GAMBUSIA NICARAGUENSIS  
Günther, 1866  
Rosen & Mendelson, 1960(3): 204. (Sensory canals)  
Rivas, 1963(2): 333-334. (Type of Paragambusia)
- GAMBUSIA NICARAGUENSIS SEXRADIATUS Hubbs  
Rivas, 1963(2): 335 (Tax.)
- GAMBUSIA NIGROPUNCTATA Regan  
Rivas, 1963(2): 333-334. (Tax.)
- GAMBUSIA NOBILIS (Baird & Girard), 1854.  
Hubbs, 1958(3): 239.  
Rosen & Mendelson, 1960(3): 204 (Sensory canals)  
Hewitt et al, 1963(2): 298 (Muscle proteins)
- GAMBUSIA OLIGOSTICTA Regan, 1913.  
Rosen & Mendelson, 1960(3): 204 (Sensory canals)  
Rivas, 1963(2): 333. (Tax.)
- GAMBUSIA PANUCO Hubbs, 1926.  
Rosen & Mendelson, 1960(3): 204 (Sensory canals)  
Rivas, 1963(2): 333. (Tax.)
- GAMBUSIA PATRUELIS Garman, 1881.  
Minckley, 1962(2): 393 (Syn.)  
Rivas, 1963(2): 335. (Tax.)
- GAMBUSIA PUNCTATA Poey, 1854.  
Rosen & Mendelson, 1960(3): 204 (Sensory canals)  
Hewitt et al, 1963(2): 298. (Muscle proteins)  
Rivas, 1963(2): 333-334 (Type of Gambusia)

- GAMBUSIA PUNCTICULATA** Poey, 1854.  
 Rivas, 1963(2): 334. (Tax.)
- GAMBUSIA REGANI** Hubbs, 1926.  
 Rivas, 1963(2): 333, 335. (Type of *Heterophallina*)
- GAMBUSIA SENILIS** Girard, 1860.  
 Warburton, Hubbs & Hagen, 1957 (4): 299.  
 Rivas, 1963 (2): 333-334. (Tax.)
- GAMBUSIA SEXRADIATA** Hubbs, 1936.  
 River, 1963 (2): 335 (Tax.)
- GAMBUSIA SENILIS** Girard  
 Hubbs, 1958 (3): 239 (Texas).  
 Rosen & Mendelson, 1960 (3): 204 (Sensory canals)  
 Minckley, 1962 (2): 393 (Syn. - Hubbs, 1926).
- GAMBUSIA SPECIOSA** Girard  
 Rivas, 1963 (2): 335 (Tax.)
- GAMBUSIA VITTATA** Hubbs  
 Rosen & Mendelson, 1960 (3): 204 (Sensory canals)  
 Hewitt et al, 1963(2): 298 (Muscle proteins)  
 Rivas, 1963 (2): 333-334. (Tax. - type of *Flexipenis*)
- GAMBUSIA WRAYI** Regan, 1913.  
 Rivas, 1963 (2): 333. (Tax.)
- GAMBUSIA YUCATANA** Regan, 1914.  
 Rivas, 1963 (2): 333-334. (Tax.)
- GAMBUSIINI** Hubbs (tribe)  
 Rivas, 1963 (2): 333. (Tax.)
- GARMANNIA** Jordan & Evermann  
 Miller, 1958 (3): 236-237 (Mex.)
- GARMANNIA CHIQUITA** (Jenkins & Evermann)  
 Barlow, 1961 (4): 433.
- GARMANNICHTHYS** Seale  
 Matsubara & Asano, 1959 (4): 293.  
 Orton, 1964 (2): 441.
- GARRA MULLYA**  
 Saxena, 1961 (4): 473.
- GARRA ANNANDALEI** (Hora)  
 Saxena, 1961 (4): 472.
- GASTROPELECUS MICROSTOMA**  
 Risso, 1810.  
 Cohen, 1958 (2): 133 (Tax.)
- GASTROSTEIDAE**  
 Behnke & Wetzel, 1960 (2): 142 (Conn.)  
 Cahn & Shaw, 1962 (1): 110 (Cupulae).  
 Uyeno & Miller, 1962 (3): 529.
- GASTROSTEUS** Linn.  
 —Stickleback  
 Strasburg, 1957 (1): 58 (Respiration)  
 Cahn & Shaw, 1962 (1): 110 (Cupulae)  
 Reisman, 1963 (1): 191 (Reproductive Behavior)
- GASTROSTEUS ACULEATUS** Linn.  
 —Threespine Stickleback  
 Behnke & Wetzel, 1960 (2): 141 (Mass., N. Y.)  
 Miller, 1960 (4): 349.  
 Krueger, 1961 (4): 448.  
 Walters, 1961 (4): 485 (Asymmetry)  
 Perlmutter, 1963 (1): 168 (Long Isl.)  
 Deubler & Posner, 1963 (2): 312 (Resp. to low oxygen conc.)  
 Stenger, 1963 (2): 454 (Error in structural hermaphroditism)  
 Dymond, 1964 (1): 21 (Canada).  
 Kosswig, 1964 (1): 68 (Polymorphism)
- GASTROSTEUS ACULEATUS LEIURUS** Cuv.  
 Miller, 1960 (4): 350.  
 Kosswig, 1964 (1): 68 (Polymorphism)
- GASTROSTEUS ACULEATUS SEMIARMATUS** (Cuv. & Val.)  
 Kosswig, 1964 (1): 68 (Polymorphism)
- GASTROSTEUS ACULEATUS TRACHURUS** (Cuv. & Val.)  
 Kosswig, 1964 (1): 68. (Polymorphism)
- GASTROSTEUS ACULEATUS WILLIAMSONI** Girard, 1854.  
 —Smooth-sided Stickleback  
 Miller, 1960 (4): 348 (Type loc.)
- GASTROSTEUS APELTES** Cuv. & Val., 1829.  
 Krueger, 1961 (4): 442 (Syn.).
- GASTROSTEUS DORYSSUS** (Jordan)  
 —Stickleback  
 Miller, 1960 (4): 349 (Pliocene-Nevada)  
 Uyeno & Miller, 1962 (3): 529.
- GASTROSTEUS MILLEPUNCTATUS** Ayres, 1842.  
 Krueger, 1961 (4): 442 (Syn.).
- GASTROSTEUS QUADRACUS** Mitchell, 1815.  
 Krueger, 1961 (4): 442 (Syn.)
- GASTROSTEUS SANTAE-ANNAE** Regan, 1909.  
 Miller, 1960 (4): 349. (Calif.)
- GASTROSTEUS WHEATLANDI** Putman  
 Perlmutter, 1963 (1): 168. (Long Island, N. Y.)
- GASTROMYZON** Günther.  
 Inger & Chin, 1961 (2): 166 (Borneo)  
 DeBeaufort, 1964 (1): 61.

GASTROMYZON BORNEENSIS

Günther, 1874.

Inger & Chin, 1961 (2): 167, 171.  
(Borneo)

GASTROMYZON FASCIATUS Inger  
& Chin, 1961.

Inger & Chin, 1961 (2): 168, 173  
(Borneo)

GASTROMYZON NIEUWENHUISE  
(Popta).

Inger & Chin, 1961 (2): 167, 175.  
(Borneo)

GASTROMYZON PAUCIRADIATUS  
Inger & Chin, 1961.

Inger & Chin, 1961 (2): 169, 174  
(Borneo)

GASTROMYZON PUNCTULATUS  
Inger & Chin, 1961.

Inger & Chin, 1961 (2): 168, 173  
(Borneo).

GASTROMYZONTIDAE

Inger & Chin, 1961 (2): 168.

GASTROPSSETTA Bean

Tyler, 1959 (2): 142.

GASTROPSSETTA FRONTALIS Bean,  
1895.

Tyler, 1959 (2): 142.

GASTROSTOMUS BAIRDII Lea  
Orton, 1963 (1): 7. (Syn.)

GEMPYLIDAE

Voss, 1957 (4): 304.

Briggs, 1960 (3): 177.

Grey, 1960 (3): 212 (Tax.)

GEMPYLUS Cuv. & Val.

Voss, 1957 (4): 304 (Bermuda)

GEMPYLUS SERPENS Cuv.

—Snake Mackerel

Nichols, 1955 (1): 55 (W. Atlantic)

Briggs, 1960 (3): 177 (Circum-  
tropical)

GEPHYROBERYX DARWINI (Johnson)

Tortonese, 1964 (1): 101 (Med.).

GERMO ALALUNGA (Gmelin)

—Albacore

Fast, 1957 (3): 239.

GERRES BREVIMANUS Günther

Gunter, 1957 (1): 13 (In freshwater-  
Costa Rica)

GERRES MEXICANUS Steindachner

Hubbs & Miller, 1960 (2): 101.

GIGANTURIDAE

Marshall, 1964 (1): 91.

GILA Baird & Girard, 1853.

Miller, 1963 (1): 3.

Bailey & Uyeno, 1964 (1): 238  
(Tax.)

GILA BICOLOR (Girard)

—Blue Chub

Bailey & Uyeno, 1964 (1): 238  
(Tax.).

GILA BICOLOR OBESA (Girard)

Bailey & Uyeno, 1964 (1): 239.

GILA COPEI

Miller, 1963 (1): 3.

GILA DITAENIA Miller

Branson, McCoy & Sisk, 1960 (3):  
219 (Sonora, Mex.)

GILA ELONGATA

—Redside Dace

Eddy & Underhill, 1959 (4): 342  
(Minn.)

GILA PURPUREA (Girard)

Branson, McCoy & Sisk, 1960 (3):  
219 (Sonora, Mex.)

GILA ROBUSTA Baird & Girard

Miller, 1963 (1): 5. Arizona.

Bailey & Uyeno, 1964 (1): 238 (Tax.)

GILA ROBUSTA ELEGANS Baird &  
Girard — Bonytail

Miller, 1963 (1): 1 (Arizona)

GILA ROBUSTA INTERMEDIA (Girard)

Miller, 1963 (1): 3 (Dorsal

pigmentation)

GILLIA Günther, 1865.

Barlow, 1961 (4): 424 (Syn.).

GILLICHTHYS Cooper, 1864.

—Mudsucker

Barlow, 1961 (4): 423 (Sensory  
canals)

Sneed & Clemens, 1963 (4): 610  
(Testes)

GILLICHTHYS DETRUSUS Gilbert  
& Scofield

Barlow, 1961 (4): 423 (Sensory  
canals)

GILLICHTHYS MIRABILIS Cooper,  
1864.

Sundararaj, 1958 (4): 290 (Seminal  
vesicles)

Barlow, 1961 (4): 423 (Sensory  
canals)

Klawe, 1964 (4): 713.

GILLICHTHYS SETA (Ginsburg)

Barlow, 1961 (4): 424.

GINGLYMOSTOMA CIRRATUM

(Bonnaterre) —Nurse Shark

Clark, 1960 (1): 64 (Attack humans)

Essapian, 1962 (2): 457 (Behavior  
in Captivity)

GIRARDINUS FALCATUS

Rosen & Tucker, 1961 (2): 202  
(Sex behavior in Viviparous  
fishes)

GIRARDINUS MICRODACTYLUS

Rosen & Mendelson, 1960 (3): 204  
(Sensory canals)

GIRELLA NIGRICANS (Ayres)

—Opaleye

Norris & Prescott, 1959 (4): 275  
(Jaws & teeth).

- GIRELLA NIGRICANS (continued)  
 Carpelan, 1961 (1): 38 (Salinity tolerance)  
 Mansueti, 1963 (1): 62.  
 (Symbiosis with jellyfish)
- GIRELLIDAE  
 Norris & Prescott, 1959 (4): 275.  
 Randall, 1961 (3): 358.
- GLORIELLA Schultz  
 Springer, 1962 (2): 426.
- GLYPTOCEPHALUS Agassiz  
 Eisler, 1963 (2): 277. (Coloration)
- GLYPTOCEPHALUS CYNOGLOSSUS (Linn.)  
 Dawson, 1962 (1): 139 (Coloration).
- GLYPTOCEPHALUS ZACHIRUS Lockington  
 Follett, McCormick & Best, 1960 (2): 112 (Sinistrality)  
 Batts, 1964 (4): 668 (Lepidology)
- GLYPTOSTERNUM LABIATUM Saxena, 1961 (4): 472.
- GLYPTOSTERNUM SAISII Saxena, 1961 (4): 472.
- GLYPTOTHORAX Blyth  
 Saxena, 1962 (3): 657.
- GLYPTOTHORAX DORSALIS Saxena, 1961 (4): 472.
- GLYPTOTHORAX MADRASPATANUS Saxena, 1961 (4): 472.
- GLYPTOTHORAX TELCHITTA (Hamilton)  
 Saxena, 1961 (4): 472.
- GNATHODENTEX Bleeker  
 Akazaki, 1961 (4): 437.
- GNATHODOLUS Myers, 1927.  
 Myers & Carvalho, 1959 (2): 148.
- GNATHODOLUS BIDENS Myers, 1927.  
 Myers & Carvalho, 1959 (2): 151 (S.A.)
- GNATHONEMUS Gill  
 Atz & Coates, 1957 (4): 303 (Electrogenic)  
 Branson & Moore, 1962 (1): 82 (Acoustico-lateralis syst.)
- GNATHONEMUS PETERSI (Günther)  
 Baslow & Nigrelli, 1961 (1): 9.
- GOBIESOCIDAE  
 Briggs, 1962 (4): 851.
- GOBIESOX Lac.  
 Hubbs & Miller, 1960 (2): 101.
- GOBIESOX EUGRAMMUS Briggs, 1955.  
 Briggs, 1960 (3): 216 (Guadalupe Isl.)
- GOBIESOX LUCAYANUS Briggs, 1963.  
 Briggs, 1963 (4): 604 (Bahamas)
- GOBIESOX MARIJEANAE Briggs, 1960.  
 Briggs, 1960 (3): 215 (Tres Marias Isl.)
- GOBIESOX MAEANDRICUS Girard  
 —Clingfish  
 Lockley, 1957 (3): 241 (Ore.-adrenal cortical hormones)  
 Batts, 1961 (3): 351 (Food of gartersnake)
- GOBIESOX NIGRIPINNIS (Peters)  
 Briggs, 1963 (4): 604.
- GOBIESOX PAPILLIFER PAPILLIFER Gilbert  
 Briggs, 1960 (3): 217 (Tres Marias Isl.)
- GOBIESOX PINNIGER Gilbert  
 Briggs, 1960 (3): 216. (Gulf of Calif.)
- GOBIESOX SCHULTZI Briggs, 1951.  
 Briggs, 1960 (3): 216 (Gulf of Calif.)
- GOBIESOX STRUMOSUS Cope, 1870.  
 Briggs, 1963 (4): 604.
- GOBIIDAE  
 Cahn & Shaw, 1962 (1): 110 (Cupulae).
- GOBIOIDES BROUSSONNETI Lacépède  
 Gunter & Hall, 1963 (3): 597 (Fla.)
- GOBIOMORUS Lac., 1800.  
 Robins & Böhlke, 1961 (1): 46.  
 Bailey & Richards, 1963 (4): 702-703 (Tax.)
- GOBIOMORUS DORMITOR Lac., 1800.  
 —Bignmouth Sleeper  
 Darnell, 1955 (3): 237 (Nocturnal terrestrial habits-Mexico)  
 Robinson, 1959 (3): 255 (Lower Rio Grande)  
 Bailey & Richards, 1963 (4): 702 (Tax.)
- GOBIOMORUS MACULATUS (Günther, 1859).  
 Miller, 1958 (3): 236 (Mexico).  
 Bailey & Richards, 1963 (4): 703 (Tax.)
- GOBIONELLUS BOLEOSOMA (Jordan & Gilbert) —Darter Goby.  
 Massmann, 1957 (2): 157 (Ches. Bay)  
 Robinson, 1959 (3): 255 (Lower Rio Grande)  
 Robins & Böhlke, 1961 (1): 49.
- GOBIONELLUS CLAYTONI (Meek)  
 Robins & Böhlke, 1961 (1): 49.
- GOBIONELLUS GRACILLIMUS Ginsburg  
 Mead & Böhlke, 1958 (4): 288.  
 Gunter & Hall, 1963 (3): 597 (Fla.)
- GOBIONELLUS HASTATUS Girard  
 Mead & Böhlke, 1958 (4): 287.
- GOBIONELLUS LIOLEPIS (Meek & Hildebrand)  
 Mead & Böhlke, 1958 (4): 289.

- GOBIONELLUS MICRODON (Gilbert)  
Miller, 1958(3): 237 (Mexico)
- GOBIONELLUS OCEANICUS Gronow.  
Mead & Böhlke, 1958(4): 287.
- GOBIONELLUS SHUFELDTI (Jordan  
& Eigenmann)  
Gunter, 1957(1): 14 (In fresh water)
- GOBIONELLUS STIGMALOPHIUS  
Mead & Böhlke, 1958(4): 285-286.  
(Gulf of Campeche & Great  
Bahama Bank)
- GOVIONELLUS STIGMATICUS  
(Goode & Bean)  
Robins & Böhlke, 1961(1): 49.
- GOBIOSOMA BOSCI (Lac.)  
—Naked Goby  
Harrington & Rivas, 1958(2): 129  
(Fla.)  
Breder, 1962(2): 460 (Effects of  
hurricane).  
Joseph & Vernick, 1964(1): 236  
(Larval mortality).
- GOBIOSOMA GINSBURGI Hildebrand  
& Schroeder  
Dawson, 1963(3): 585 (Miss. R.)
- GOBIOSOMA LONGIPALA Ginsburg  
Springer, 1961(4): 482 (Tampa Bay,  
Fla.)  
Dawson, 1963(3): 585 (Miss. R.)
- GOBIOSOMA ROBUSTUM Ginsburg  
Harrington & Rivas, 1958(2): 129  
(Fla.)
- GOBIUS Linn.  
Cahn & Shaw, 1962(1): 110 (Cupulae).  
Savage, 1963(2): 324. (Reproduc-  
tive habits).  
Tortonese, 1964(1): 101 (Med.)
- GOBIUS DAGUAE  
Gunter, 1957(1): 14 (In fresh water)  
Robins & Böhlke, 1961(1): 49.
- GOBIUS FASCIATUS (Gill)  
Robins & Böhlke, 1961(1): 49.
- GOBIUS FRIESII FRIESII Malm, 1874.  
Tortonese, 1964(1): 104 (Atl. O.).
- GOBIUS FRIESII-MACROLEPIS  
Kolombatovic  
Tortonese, 1964(1): 104 (Med.).
- GOBIUS KESSLERI (Günther)  
Slastenenko, 1955(3): 233 (Black Sea)
- GOBIUS LEPIDUS Girard  
Barlow, 1961(4): 424.
- GOIBUS MANGLICOLA (Jordan &  
Starks)  
Robins & Böhlke, 1961(1): 49.
- GOBIUS MICRUPS LATICEPS  
Tortonese, 1964(1): 104 (Med.)
- GOBIUS MINUTUS ELONGATUS  
Canestrini  
Tortonese, 1964(1): 104 (Med.)
- GOBIUS MICRUPS MICRUPS Kröyer  
Tortonese, 1964(1): 104 (Atl. O.)
- GOBIUS MINUTUS MINUTUS Linn.  
Tortonese, 1964(1): 104 (Atl. O.)
- GOBIUS NIGER Linn.  
Sundararaj, 1958(4): 290 (Seminal  
vesicles)  
Tortonese, 1964(1): 105 (Med.)
- GOBIUS NIGER JOZO (Linn.)  
Tortonese, 1964(1): 105 (Med.)
- GOBIUS PAGANELLUS (Linn.)  
John, 1957(2): 131 (Blinded behavior)  
Turner, 1957(3): 196.
- GOBIUS THORI  
Tortonese, 1964(1): 102, 106. (Med.)
- GOBIUS TOWNSENDI Eigenmann &  
Eigenmann, 1889.  
Barlow, 1961(4): 426 (Syn.).
- GOBIUS ZEBRUS Gilbert  
Tortonese, 1964(1): 102, 106.  
(Med.)
- GONICHTHYS BARNESI Whitley  
Briggs, 1960(3): 175 (Circum-  
tropical)
- GONICHTHYS COCCOI  
Tortonese, 1964(1): 102 (Med.)
- GONOPTERUS Gronow  
Barlow, 1961(4): 436. (Goniopterus)
- GONOSTOMATIDAE  
Grey, 1956(4): 243.  
Briggs, 1960(3): 174.
- GOODEIDAE  
Hubbs & Miller, 1960(2): 101.
- GORDIICHTHYS IRRETITUS Jordan  
& Davis, 1892. —Eel.  
Orton, 1962(3): 664 (Vertebral  
count).
- GORDIICHTHYS SPRINGERI Ginsburg,  
1951. —Eel.  
Orton, 1962(3): 665.
- GOUANIA Nardo  
Briggs, 1957(3): 205 (Tax.)  
Tortonese, 1964(1): 101 (Med.).
- GRAMMATORCYNIS BICARINATUS  
(Quoy & Gaimard)  
Schultz & Springer, 1956(1): 65  
(Syn.)
- GRAMMISTES Bloch & Schneider  
Branson & Moore, 1962(1): 29  
(Acoustico-lateralis syst.)
- GRAMMISTES ACUMINATUS  
Bloch & Schneider, 1801.  
McPhail, 1961(1): 27 (Syn.)

- GARMISTES SEXLINEATUS  
(Thunberg) — Golden-striped Bass.  
Ray & Coates, 1958 (3): 235  
(Poisoned by lion-fish)
- GRONIAS NIGRILABRIS Cope  
Weisel & McLaury, 1964 (4): 688  
(Pa.)
- GUDUSIA Fowler  
Svetovidov, 1964 (1): 125.
- GUENTHERIDAE  
Walters, 1963 (2): 456 (Tax.)
- GUENTHERUS ALTIVELIS Osorio;  
emend. Walters, 1963.  
Walters, 1963 (2): 456 (Tax.)
- GUNNELICHTHYIDAE  
Dawson, 1962 (2): 335.
- GUNNELICHTHYS Bleeker  
Dawson, 1962 (2): 335.
- GÜNTHERUS ALTIVELA Osório, 1917.  
Walters, 1963 (2): 456 (Tax.)
- GYMNACANTHUS TRICUSPIS  
(Reinhardt)  
Jordon & Backus, 1957 (1): 19  
(Labrador)  
Kooyman, 1963 (2): 458 (Hemoglobin)
- GYMNACHIRUS Kaup, 1858.  
— Naked Soles.  
Dawson, 1964 (4): 646, 648.  
(Revision).
- GYMNACHIRUS FASCIATUS Günther,  
1862.  
Dawson, 1964 (4): 661 (Syn.).
- GYMNACHIRUS FASCIATUS Kendall,  
1911 (non Günther, 1862.)  
Dawson, 1964 (4): 647, 658. (Tax.)
- GYMNACHIRUS MELAS Nichols, 1916.  
Dawson, 1964 (4): 657, 658 (Tax.)
- GYMNACHIRUS NUDUS Kaup, 1858.  
Dawson, 1964 (4): 647, 648, 661.  
(Tax.)
- GYMNACHIRUS TEXAE (Gunter, 1936)  
Dawson, 1964 (4): 651. (Tax.)
- GYMNACHIRUS WILLIAMSONI (Gunter)  
Springer, 1961 (4): 482 (Tampa Bay,  
Fla.)  
Dawson, 1964 (4): 651. (Syn.).
- GYMNACHIRUS ZEBRINUS A. Miranda  
Riberio, 1904.  
Dawson, 1964 (4): 647, 661. (Syn.)
- GYMNARCHIDAE  
Atz & Coates, 1957 (4): 303.
- GYMNARCHUS Cuv.  
Atz & Coates, 1957 (4): 303 (electro-  
genic)  
Sharma, 1964 (3): 532.  
Branson & Moore, 1962 (1): 3  
(Acoustico-lateralis syst.)
- GYMNARCHUS NILOTICUS Cuv.  
Branson & Moore, 1962 (1): 30  
(Acoustico-lateralis syst.)
- GYMNOCEPHALUS Bloch, 1793.  
Collette, 1963 (4): 617 (Tax.)
- GYMNOCEPHALUS ACERINA  
Collette, 1963 (4): 615, 621.
- GYMNOCEPHALUS CERNUA  
Collette, 1963 (4): 615, 621.
- GYMNOCEPHALUS SCHRAETZER (L.)  
Collette, 1963 (4): 615, 621.
- GYMNOCRANIUS Klunzinger  
Akazaki, 1961 (4): 437.
- GYMNOCRANIUS JAPONICUS  
Akazaki, 1961. — Sira-dai  
Akazaki, 1961 (4): 438 (Amami  
Oshima)
- GYMNOTHORAX Bloch  
— Moray Eels  
Kondo, 1955 (3): 236 (Hawaii-  
Brousonian knot)  
DeBeaufort, 1964 (1): 61.
- GYMNOTHORAX FLAVIMARGINATUS  
(Rüppell)  
Briggs, 1964 (4): 707 (Transpacific  
shores)
- GYMNOTHORAX MELEAGRIS Shaw  
— Eel.  
Orton, 1962 (3): 664 (Vertebral  
count).
- GYMNOTHORAX MORINGA (Cuv.)  
— Spotted Moray  
Bardach, Winn & Menzel, 1959  
(2): 133. (Senses in feeding)  
Bardach & Loewenthal, 1961 (1):  
42 (Touch Receptors)  
Orton, 1962 (3): 664 (Vertebral  
count)  
Winn et al, 1964 (2): 414 (Sounds)
- GYMNOTHORAX NEBULOSUS Bloch  
& Schneider — Eel  
Orton, 1962 (3): 664 (Vertebral  
count)
- GYMNOTHORAX OCELLATUS  
Agassiz — Eel.  
Orton, 1962 (3): 664 (Vertebral  
count).
- GYMNOTHORAX UNDULATUS Lac.  
— Eel.  
Orton, 1962 (3): 664 (Vertebra!  
count).
- GYMNOTHORAX UNICOLOR  
De la Roche — Eel.  
Orton, 1962 (3): 664 (Vertebral  
counts).
- GYMNOTHORAX VICINUS (Castelnau)  
— Brown Moray  
Bardach, Winn & Menzel, 1959  
(2): 133. (Senses in feeding)



GYMNOTHORAX VICINUS (continued)  
Bardach & Loewenthal, 1961 (1):  
42 (Touch receptors)

GYMNOTIDAE

— Electric Fish

Atz & Coates, 1957 (4): 303.

Nelson, 1960 (2): 131 (Lateral line  
nerve)

GYMNURA ALTAVELA (Linn.

— Greater Butterfly Ray

Massmann, 1957 (2): 156 (Ches. Bay)

Daiber & Booth, 1960 (2): 137  
(Biol. -Dela. Bay)

Tortonese, 1964 (1): 100 (Med.).

GYMNURA MICRURA (Bloch &  
Schneider, 1801)

Daiber & Booth, 1960 (2): 137-138  
(Biol. -Dela. Bay &  
Chincoteague Bay)

GYRINOMIMUS Parr, 1934

Richardson & Garrick, 1964 (3): 523.

GYRINOMIMUS BRUUNI Rofen, 1957-59.  
Richardson & Garrick, 1964 (3):

523 (Kenya)

GYRINOMIMUS GRAHAMI Richardson  
& Garrick, 1964.

Richardson & Garrick, 1964 (3):  
523 (New Zealand).

GYRINOMIMUS MYERSI Parr, 1934.

Richardson & Garrick, 1964 (3),  
523 (Carib.)

GYRONOMIMUS PARRI Bigelow, 1961.

Richardson & Garrick, 1964 (3):  
523 (Gulf of Mexico)

GYRINOMIMUS SIMPLEX Parr, 1946.

Richardson & Garrick, 1964 (3):  
523 (Gulf of Mexico).

H

HADROPTERUS Agassiz

Moore & Reeves, 1955 (2): 89.

Richards & Knapp, 1964 (4): 690  
(Tax.).

HADROPTERUS COPELANDI

(Jordan) — Channel Darter

Moore & Reeves, 1955 (2): 92.  
Scott, 1955 (2): (Ontario)

HADROPTERUS EVERMANNI

Moenkhaus

Richards & Knapp, 1964 (4): 691  
(Tax.).

HADROPTERUS MACROCEPHALUS  
(Cope)

Moore & Reeves, 1955 (2): 90.

HADROPTERUS MACULATUS (Girard)

Moore & Reeves, 1955 (2): 90.

Richards & Knapp, 1964 (4): 691.

HADROPTERUS MAXINKUCKIENSIS  
Evermann

Richards & Knapp, 1964 (4): 691  
(Tax.).

HADROPTERUS NASUTUS Bailey

Richards & Knapp, 1964 (4): 691  
(Tax.).

HADROPTERUS NIGROFASCIATUS

Agassiz, 1854.

Richards & Knapp, 1964 (4): 690  
(Tax. -genotype)

HADROPTERUS NIGROFASCIATUS

WESTFALLI Fowler

Richards & Knapp, 1964 (4): 691  
(Tax.).

HADROPTERUS NOTOGRAMMUS

Raney & Hubbs

Richards & Knapp, 1964 (4): 691  
(Tax.).

HADROPTERUS OXYRHYNCHUS

Hubbs & Raney

Richards & Knapp, 1964 (4): 691  
(Tax.).

HADROPTERUS PALMARIS Bailey

Richards & Knapp, 1964 (4): 691  
(Tax.).

HADROPTERUS PANTHERINUS

Moore & Reeves

Moore & Reeves, 1955 (2): 89-90.  
pl. 1. (Okla.)

Richards & Knapp, 1964 (4): 691  
(Tax.).

HADROPTERUS PHOXOCEPHALUS

(Nelson)

Moore & Reeves, 1955 (2): 92.

HADROPTERUS ROANOKA Jordan  
& Jenkins

Richards & Knapp, 1964 (4): 691  
(Tax.).

HADROPTERUS SCIERUS APRISTIS

Hubbs & Hubbs — Guadalupe

Dusky Darters

Brown, 1955 (2): 149 (Egg  
production-Texas)

Richards & Knapp, 1964 (4): 691  
(Tax.).

HADROPTERUS SCIERUS SCIERUS

Swain

Moore & Reeves, 1955 (2): 92.

Hubbs, 1958 (1): 58 (Hybrids)

Hubbs, 1960 (1): 1.

Hubbs, Littejohn & Littlejohn,  
1960 (1): 69 (Ammonia fumes)

Hubbs, 1961 (2): 195 (Temp.  
tolerances-Texas)

Hubbs & Laritz, 1961 (2): 231  
(Hybrids)

Richards & Knapp, 1964 (4): 691  
(Tax.).

- HADROPTERUS SCIEURUS SERRULA**  
Jordan & Gilbert  
Richards & Knapp, 1964 (4): 691 (Tax.)
- HADROPTERUS SCIERUS X ETHEOSTOMA SPECTABILE**  
Hubbs & Laritz, 1961 (2): 232 (Hybrid)
- HADROPTERUS SCIERUS X PERCINA CAPRODES**  
Hubbs, 1960 (1): 2.
- HADROPTERUS SELLARIS**  
Radcliffe & Welch, 1913.  
Knapp, Richards, Miller & Foster, 1963 (2): 455 (Tax.)  
Richards & Knapp, 1964 (4): 691 (Tax.)
- HADROPTERUS SHUMARDI** Girard  
Hubbs & Laritz, 1961 (2): 231 (Hybrids)  
Richards & Knapp, 1964 (4): 691.
- HADROPTERUS TESSELLATUS** Jordan  
Richards & Knapp, 1964 (4): 691.
- HAEMULON FLAVOLINEATUM** (Desmarest)  
Springer, 1961 (4): 481 (Tampa Bay, Fla.)  
Winn et al., 1964 (2): 414 (Sounds)
- HAEMULON FREMEBUNDUM** Goode & Bean  
Springer, 1961 (4): 481.
- HAEMULON MACROSTOMUM** Günther  
Springer, 1961 (4): 481.
- HAEMULON SCIURUS** (Shaw)  
— Bluestriped Grunt  
Winn et al., 1964(2): 414 (Sounds)
- HALAELURUS CHILENSIS** (Guichenot)  
Baldwin, 1961 (4): 476.
- HALAPHYA** Günther, 1889.  
Cohen, 1958 (2): 134 (Tax.)
- HALOCYPRIS GLOBOSA**  
Hubbs, 1955 (1): 50.
- HALOPORPHYRUS LEPIDION** (Risso)  
Tortonese, 1964 (1): 101 (Med.).
- HALOSAURUS OWENI** Johnson  
Tortonese, 1964 (1): 101 (Med.).
- HANOMANCTUS** Smith, 1949.  
Randall, 1964 (2): 335 (Syn.).
- HANOMANCTUS BOVINUS** Smith, 1949.  
Randall, 1964 (2): 335, 356. (Syn.)
- HAPLOCHITON** Agassiz, 1846.  
Briggs, 1961 (2): 162 (Tax.)
- HAPLOCHITONIDAE**  
Briggs, 1961 (2): 162 (Tax.)
- HAPLOCHROMIS** Hilgendorf  
Kosswig, 1963 (2): 238. (Speciation)
- HAPLODACTYLUS** Agassiz, 1846.  
Briggs, 1961 (2): 162 (Tax.)
- HARENGULA** Cuv. & Val.  
Svetovidov, 1964 (1): 120.  
Berry, 1964 (2): 377 (Upper jaw bones).
- HARENGULA THRISSINA** (Jordan & Gilbert) — Flatiron Herring  
Hobson, 1963 (3): 595.
- HELICOLENUS DACTYLOPTERUS** (De la Roche)  
Tortonese, 1964 (1): 100 (Med.).
- HELICOLENUS DACTYLOPTERUS THELMAE**  
Tortonese, 1964 (1): 100.
- HELOSTOMA** Cuv.  
Miller, 1964 (3): 482.
- HELOSTOMA TEMMINCKI** Cuv. & Val. — Kissing Gourami.  
Nigrelli & McLaughlin, 1958 (4): 331 (Histoziotic algae)
- HEMICARANX** Bleeker  
Berry, 1963 (3): 584 (Tax.)
- HEMICARANX AMBLYRHYNCHUS** (Cuvier) — Bluntnose Jack  
Mansueti, 1963 (1): 56. (Symbiosis with jellyfish)
- HEMICARANX FASCIATUS** (Cuv.)  
Berry, 1963 (3): 584 (Tax.)
- HEMICARANX SECUNDUS** (Poey)  
Berry, 1963 (3): 584 (Tax.)
- HEMICETOPSIS CANDIRU** (Spix)  
Kelley & Atz, 1964 (4): 702.
- HEMILEPIDOTUS HEMILEPIDOTUS** (Tilesius)  
Bright, 1960 (2): 145 (Alaska)
- HEMIPIMELODUS** Bleeker  
Hubbs & Miller, 1960 (2): 103.
- HEMIRAMPHIDAE**  
Berry & Rivas, 1962 (1): 152.
- HEMIRAMPHUS** Cuvier, 1817.  
Briggs, 1961 (2): 162 (Tax.)
- HEMIRAMPHUS BRASILIENSIS** (Linn.)  
Orton, 1964 (1): 146.
- HEMIRAMPHUS BRASILIENSIS** (Linn.)  
Springer, 1961 (4): 481 (Tampa Bay, Fla.)
- HEMIRAMPHUS FAR** (Forskål)  
Tortonese, 1964 (1): 103.
- HEMIRAMPHUS MARGINATUS** (Forskål)  
Tortonese, 1964 (1): 101 (Med.).
- HEMIRHAMPHUS** Voigt in Cuv., 1832  
Briggs, 1961 (2): 162 (Tax.)  
Hewitt et al., 1963(2): 296. (Muscle proteins)

- HEMISCIAENA LUCIDA (Günther)  
Trewavas, 1964 (1): 111.
- HEPATOSCARTES Fowler, 1944.  
Springer, 1962 (2): 427 (Syn.)
- HEPATOSCARTES EQUES  
(Steindachner) Fowler, 1944.  
Cohen, 1956 (4): 247 (Tax.)
- HEPATOSCARTES UMBRIFASCIATUS  
Fowler, 1944.  
Springer, 1962 (2): 428 (Syn. -  
Panama).
- HEPATUS ALIALA JAPONICUS  
Schmidt, 1930.  
Randall, 1956 (1): 24. (Ryukyu  
Isls.)
- HEPATUS ELONGATUS (non Lac.)  
Randall, 1961 (3): 358.
- HEPATUS NIGRICANS  
Randall, 1961 (3): 358 (young)
- HEPATREMA CIRRHATUM  
Temminck & Schlegel, 1842.  
Strahan, 1962 (4): 801.
- HERMOSILLA Jenkins & Evermann  
Randall, 1961 (3): 358.
- HERMOSILLA AZUREA Jenkins &  
Evermann — Zebraperch  
Norris & Prescott, 1959 (4): 281  
(Teeth & jaw)
- HEROS Heckel, 1840.  
Bailey, 1957 (4): 303 (Tax.)
- HETERANDRIA Agassiz  
Rosenthal, 1955 (1): 53 (Abnormal  
birth of broods)
- HETERANDRIA FORMOSA Agassiz  
— Least Killifish  
Odum & Caldwell, 1955 (2): 105  
(Respir. in Anaerobic spring-  
Fla.)
- Rosen & Tucker, 1961 (2): 202 (Sex  
behavior in viviparous fishes)
- Hisaoka & Firlit, 1962 (4): 788.  
Hewitt et al, 1963(2): 298 (Muscle  
proteins)
- HETERANDRIA PATRUELIS Baird &  
Girard  
Rivas, 1963 (2): 333. (Type of  
Arthrophallus)
- HETERENCHELYIDAE  
Orton, 1964 (2): 438 (Larvae).
- HETERODONTIDAE  
Gilbert & Oren, 1964 (3): 534 (No  
nictitans)
- HETEROPHALLINA Hubbs (Gambusia  
Subgen.  
Rivas, 1963 (2): 331, 333. (Tax.)
- HETEROPHALLUS Regan  
Rivas, 1963 (2): 333. (Tax.)
- HETEROPHALLUS RACHOVII Regan  
Rivas, 1963 (2): 334.
- HETEROPNEUSTES Müller  
Hewitt et al, 1963(2): 296 (Muscle  
proteins)
- HETEROPNEUSTES FOSSILIS  
(Block) — Indian Catfish  
Sundararaj, 1958 (4): 289 (Testicular  
cycle)  
Kapoor, 1961 (2): 179.  
Tilak, 1963 (4): 628 (Tripus)
- HETEROSCYMNOIDES Fowler, 1934.  
— Sleeper Sharks.  
Garrick & Springer, 1964 (4): 679.
- HETEROSTICHUS ROSTRATUS Girard  
— Kelpfish.  
Orton, 1955 (2): 144 (Color variation  
of eggs)
- HETEROTIS Ehrenberg  
DeBeaufort, 1964 (1): 63.
- HEXANCHIDAE  
Briggs, 1960 (3): 173.  
Gilbert & Oren, 1964 (3): 534 (No  
nictitans)
- HEXANCHUS GRISEUS (Bonnaterre)  
— Six-gilled Shark  
Backus, 1957 (3): 246 (N.W. Atl.)  
Briggs, 1960 (3): 173 (Circum-  
tropical)  
Strasburg, 1963 (1): 38. (Tooth  
replacement)
- HIEROPS Fraser-Brunner (Electrona  
subgen.)  
Wisner, 1963 (1): 24.
- HIEROPS (Fraser-Brunner) Bolin  
Wisner, 1963 (1): 24.
- HIEROPTERA Fleming, 1841.  
Chhappgar, 1964 (3): 587.
- HILSA Regan  
Svetovidov, 1964 (1): 123.
- HILSA ILISHA (Ham.-Buch.)  
Svetovidov, 1964 (1): 123
- HIMANTOLOPHUS GROENLANDICUS  
Reinhardt  
Briggs, 1960 (3): 179 (Circum-  
tropical)
- HIODON LeSueur, 1818.  
Briggs, 1961 (2): 162 (Tax.)
- HIODON ALOSOIDES (Raf.)  
— Goldeye  
Personius & Eddy, 1955 (1): 41  
(Little Missouri R.)  
Cross & Mitalc, 1963 (1): 187.  
(Missouri River System)  
Smith, 1963 (2): 255. (E. Illinois)
- HIPPOCAMPUS Raf.  
Tortonese, 1964 (1): 103 (Med.).

- HIPPOCAMPUS BREVIROSTRIS Cuv.  
   Tortonese, 1964 (1): 103.
- HIPPOCAMPUS ERECTUS Perry  
   — Seahorse  
   Gunter & Ward, 1961 (4): 460  
     (Extreme injuries)
- HIPPOCAMPUS FUSCUS Rüpp.  
   Tortonese, 1964 (1): 103 (Red Sea).
- HIPPOCAMPUS GUTTULATUS  
   GUTTULATUS Cuv.  
   Tortonese, 1964 (1): 103, 104  
     (Med.).
- HIPPOCAMPUS GUTTULATUS  
   MULTIANNULARIS Ginsburg,  
   1937.  
   Tortonese, 1964 (1): 104 (Atl. O.)
- HIPPOCAMPUS HIPPOCAMPUS (L.)  
   Tortonese, 1964 (1): 103.
- HIPPOCAMPUS HADSONIUS DeKay  
   — Seahorse  
   Scattergood & Coffin, 1957 (2): 156  
     (Gulf of Maine)
- HIPPOCAMPUS KUDA Bleeker  
   Tortonese, 1964 (1): 103.
- HIPPOCAMPUS PUNCTULATUS  
   Guichenot  
   Strawn, 1958 (1): 21.
- HIPPOCAMPUS REGULUS Ginsburg  
   Strawn, 1958 (1): 16 (Syn.)
- HIPPOCAMPUS STYLIFER Jordan &  
   Gilbert, 1882.  
   Strawn, 1958 (1): 21.
- HIPPOCAMPUS ZOSTERAE Jordan &  
   Gilbert. — Pigmy Seahorse  
   Strawn, 1958 (1): 16 (Life history-  
   Fla.)  
   Breder, 1962 (2): 460 (Effects of  
   hurricane).
- HIPPOGLOSSINA OBLONGA  
   — Four-spotted Flounder  
   Lux, 1959 (3): 253 (Partial albinism-  
   Cape Cod)  
   Dawson, 1962 (1): 139 (Coloration)
- HIPPOGLOSSOIDES ELASSODON  
   Jordan & Gilbert  
   Batts, 1964 (4): 667, 669.  
     (Lepidology).
- HIPPOGLOSSOIDES PLATESSOIDES  
   Fabricius — Flatfish  
   Williams, 1959 (1): 20 (Ovary  
   weight)  
   Dawson, 1962 (1): 139 (Coloration).
- HIPPOGLOSSUS Linn.  
   Eisler, 1963 (2): 277. (Coloration)
- HIPPOGLOSSUS HIPPOGLOSSUS Linn.  
   — Atlantic Halibut  
   Massmann, 1957 (2): 157 (Ches. Bay)  
   Dawson, 1962 (1): 139 (Coloration)
- HIPPOGLOSSUS STENOLEPIS  
   (Schmidt) — Halibut  
   Gray, 1964 (3): 590 (Preying on  
   large Crustacea-Alaska)  
   Batts, 1964 (4): 669 (Lepidology).
- HISTIOBRANCHUS INFERNALIS Gill  
   — Eel.  
   Orton, 1962 (3): 664 (Vertebral  
   count).
- HISTIOPHORUS Cuv. in Cuv. & Val.,  
   1832.  
   Briggs, 1961 (1): 162 (Tax.)
- HISTIOPHORUS BREVIROSTRIS  
   Playfair, 1866.  
   Morrow, 1959 (4): 349 (Syn.)
- HISTIOPHORUS GLADIUS Ramsay  
   1881 (non Block, 1793).  
   Morrow, 1959 (4): 349 (Syn.)
- HISTIOPTERIDAE  
   Welander, Johnson & Hajny, 1957  
   (3): 245.
- HISTORY OF ICHTHYOLOGY  
   Dymond, 1964 (1): 2 (Canada)  
   Myers, 1964 (1): 33 (US until 1850).  
   Hubbs, 1964 (1): 42 (US after 1850).
- HISTOZOIC ALGAE  
   Nigrelli & McLaughlin, 1958 (4):  
   331 (On fish)
- HISTRIO Fischer  
   Orton, 1955 (3): 214
- HISTRIO HISTRIO (Linn.)  
   Ray, 1961 (2): 230.
- HOLLARDIA HOLLARDI Poey  
   Grey, 1956 (4): 245 (Gulf of  
   Mexico)  
   Woods, 1959 (3): 222 (W. Caribbean)
- HOLOCANTHUS CILIARIS (Linn.)  
   Randall, 1956 (1): 21.  
   Winn et al, 1964 (2): 414 (Sounds)
- HOLOCANTHUS ISABELITA (Parra)  
   Randall, 1956 (1): 21.
- HOLOCANTHUS TOWNSENDI (Nichols  
   & Mowbray)  
   Randall, 1956 (1): 21 (Fla.-hybrid)
- HOLOCANTHUS TRICOLOR Bl.  
   Winn et al, 1964 (2): 414 (Sounds)
- HOLOCENTRIDAE  
   Tortonese, 1964 (1): 103 (Med.)
- HOLOCENTRUM RUBRUM (Lac.)  
   Tortonese, 1964 (1): 101 (Med.).
- HOLOCENTRUS ASCENSIONIS (Osbeck)  
   Winn et al, 1964 (2): 413 (Sounds)
- HOLOCENTRUS RUFUS (Walbaum)  
   — Longspine Squirrelfish  
   Winn et al, 1964 (2): 413 (Sounds).
- HOMALOPTERIDAE  
   Inger & Chin, 1961 (2): 168.  
   Saxena, 1961 (4): 472.

- HOMESTHES Gilbert  
Krejsa, 1960 (4): 323.
- HOMESTHES BIOCELLATUS  
Cohen, 1956 (4): 248 (Chile-syn.)
- HOMESTHES BREVIPINNIS  
(Günther)  
Krejsa, 1960 (4): 331.
- HOMESTHES CAULOPUS Gilbert.  
Krejsa, 1960 (4): 323, 327.
- HOMESTHES PAYTENSIS  
(Steindachner, 1876)  
Krejsa, 1960 (4): 323.
- HOPLEGNATHUS Richardson, 1842.  
Briggs, 1961 (2): 164 (Tax.)
- HOPLOBROTULA Gill.  
Cohen, 1961 (3): 289.
- HOPLOBROTULA ARMATA (T. & S.)  
Cohen, 1961 (3): 289.
- HOPLOSTETHUS MEDITERRANEUS  
Cuv. & Val.  
Massmann, 1957 (2): 156 (Ches.  
Bay)  
Tortonese, 1964 (1): 100 (Med.).
- HOPLOSTETHUS METALICUS  
Fowler, 1938.  
Cohen, 1964 (2): 407  
(Bioluminescence)
- HOLELEPIS Agassiz  
Branson & Moore, 1962 (1): 26-27.  
(Acoustico-lateralis syst.)
- HOMODIAETUS MACULATUS  
(Steindachner, 1879).  
Kelley & Atz, 1964 (4): 702.
- HUCHO HUCHO (Linn.)  
Slattenenko, 1955 (3): 234  
(Black Sea)
- HUDSONIUS ALETES Jordan &  
Everm., 1927.  
Suttkus, 1958 (4): 316 (Syn.)
- HUDSONIUS ANALOSTANUS (Girard,  
1859)  
Gibbs, 1963 (3): 513, 520 (Syn.)
- HUDSONIUS CHAMBERLAINI  
(Evermann)  
Gilbert & Bailey, 1962 (4): 809  
(Syn.).
- HURO Cuv.  
Branson & Moore, 1962 (1): 94  
(Acoustico-lateralis syst.)
- HUSO HUSO (Linn.)  
Slattenenko, 1955 (3): 233  
(Black Sea)  
Tortonese, 1964 (1): 102 (Med.).
- HYBOGNATHUS HANKINSONI Hubbs  
—Brassy Minnow  
Scott, 1957 (2): 161 (W. Canada)  
Bailey, 1959 (2): 121.  
Smith, 1963 (2): 279. (Pleistocene-  
SWKansas)
- HYBOGNATHUS HAYI Jordan,  
1885. —Cypress Minnow  
Fingerman & Suttkus, 1961 (4):  
462.
- HYBOGNATHUS NUCHALIS NUCHALIS  
Agassiz —Western Silvery  
Minnow.  
Personius & Eddy, 1955 (1): 42  
(Little Missouri R.)  
Behnke & Wetzel, 1960 (2): 141  
(Mass., N. Y.)  
Fingerman & Suttkus, 1961 (4):  
462.  
Smith, 1963 (2): 254 (E. Illinois)
- HYBOGNATHUS PLACITA Girard  
—Plains Minnow  
Personius & Eddy, 1955 (1): 42  
(Little Missouri R.)  
Robinson, 1959 (3): 255 (Lower  
Rio Grande)
- HYBOGNATHUS STRAMINEUS Cope,  
1864.  
Suttkus, 1958 (4): 308, 313. (Syn.)
- HYBOPSIS Agassiz  
Branson & Moore, 1962 (1): 28  
(Acoustico-lateralis syst.)  
Minckley & Craddock, 1962 (2):  
374.  
Bailey & Uyeno, 1964 (1): 238.
- HYBOPSIS AESTIVALIS (Gilbert)  
—Speckled Chub  
Robinson, 1959 (3): 255 (Lower  
Rio Grande)  
Eddy & Underhill, 1959 (4): 342.  
Branson & Moore, 1962 (1): 64, 78.  
(Acoustico-lateralis syst.)  
Branson, 1962 (3): 537.
- HYBOPSIS AMBLOPS (Ref.)  
—Bigeye Chub  
Zahuranec, 1962 (4): 843 (SE. Ohio)
- HYBOPSIS BIGUTTATA (Kirtland)  
—Hornyhead Chub  
Reed, 1957 (3): 250 (N. Pa.)  
Branson, 1962 (3): 535 (Nuptial  
tubercles)  
Verheijen, 1963 (1): 175. (Alarm  
substance)  
Smith, 1963 (2): 254. (E. Illinois)
- HYBOPSIS CHAMBERLAINI (Evermann)  
Gilbert & Bailey, 1962 (4): 809 (Syn.).
- HYBOPSIS CRAMERI Snyder  
Schultz & Hubbs, 1961 (4): 477. (Tax.)
- HYBOPSIS GELIDA (Girard)  
—Sturgeon Chub  
Personius & Eddy, 1955 (1): 42  
(Little Missouri R.)  
Gilbert & Bailey, 1962 (4): 807.

- HYBOPSIS GRACILIS (Richardson)  
Smith, 1958 (3): 177 (Pleistocene-Okla.)  
Smith & Bridges, 1960 (3): 253.  
Gilbert & Bailey, 1962 (4): 815.
- HYBOPSIS GRACILIS COMMUNIS  
(Girard) — Plains Flathead Chub  
Personius & Eddy, 1955 (1): 42  
(Little Missouri R.)
- HYBOPSIS HYOSTOMUS (Gilbert)  
Eddy & Underhill, 1959 (4): 342.
- HYBOPSIS LEPTOCEPHALA  
(Girard)  
Miller, 1962 (2): 410.
- HYBOPSIS MEEKI Jordan & Everm.  
— Sickelfin Chub.  
Personius & Eddy, 1955 (1): 42  
(Little Missouri R.)  
Gilbert & Bailey, 1962 (4): 807.
- HYBOPSIS (NOCOMIS) MICROPOGON  
(Cope) — River Chub  
Pfeffer, 1955 (2): 95.  
Reed, 1957 (3): 250 (N. Pa.)  
Branson, 1962 (3): 537.
- HYBOPSIS MISSURIENSIS Cope, 1870 (1871)  
Suttkus, 1958 (4): 313 (Syn.)
- HYBOPSIS PLUMBEA (Agassiz)  
— Northern Chub.  
Personius & Eddy, 1955 (1): 42  
(Little Missouri R.)
- HYBOPSIS SCYLLA Cope, 1870 (1871)  
Suttkus, 1958 (4): 313 (Syn.)
- HYBOPSIS SHUMARDI (Girard)  
Gilbert & Bailey, 1962 (4): 808  
(Syn.)
- HYBOPSIS STORERIANA (Kirtland)  
— Silver Chub  
Fingerman & Suttkus, 1961 (4): 463.  
Zahuranec, 1962 (4): 843 (SE Ohio)
- HYBOPSIS X-PUNCTATA X-PUNCTATA  
(Hubbs & Crow) — Gravel Chub  
Eddy & Underhill, 1959 (4): 342  
(Minn.)  
Branson, 1962 (3): 536 (Nuptial tubercles).
- HYDROLAGUS COLLIEI (Lay & Bennett) — Ratfish  
Jopson, 1958 (3): 232 (Oregon).  
Baldwin, 1961 (4): 475 (Gulf of Calif.)
- HYDROLYCUS SCOMBEROIDES (Cuv.)  
Myers, 1964 (1): 38.
- HYGOPHUM (Tåning) Bolin, 1939.  
Wisner, 1963 (1): 24. (Tax.)
- HYMENOCEPHALUS Giglioli & Issel  
Cohen, 1964 (2): 407  
(Bioluminescence)
- HYODON Raf., 1820.  
Briggs, 1961 (2): 162 (Tax.).
- HYODONTIDAE  
Briggs, 1961 (2): 162.
- HYOPRORUS MESSINENSIS K  lliker  
Orton, 1964 (2): 441.
- HYPENTELUIM NIGRICANS (LeSueur)  
— Northern Hogsucker  
Reed, 1957 (3): 250 (N. Pa.)  
Reed, 1959 (2): 162 (NW Pa.)  
Smith, 1963 (2): 255. (E. Illinois)  
McCleave, 1964 (3): 509.
- HYPEROPISUS BEBE  
— Electric Fish.  
Nelson, 1960 (2): 131 (Lateral line nerve)
- HYPEROPLUS G  nther, 1862.  
Richards, Perlmutter & McAneny, 1963 (2): 369 (Tax.)
- HYPEROPLUS IMMACULATUS  
Corbin & Vati, 1949.  
Richards, Perlmutter & McAneny, 1963 (2): 369. (Tax.).
- HYPEROPLUS LANCEOLATUS  
(LeSavage)  
Richards, Perlmutter & McAneny, 1963 (2): 369 (Tax.)
- HYPEROPLUS TOBIANUS (Linn.)  
Richards, Perlmutter & McAneny, 1963 (2): 369 (Tax.)
- HYPHESSOBRYCON Durbin  
Cahn & Shaw, 1962 (1): 110  
(Cupulae)
- HYPOPOMUS Gill  
Das & Saxena, 1956 (2): 107.
- HYPOPOMUS ARTEDI (Kaup)  
Nelson, 1960 (2): 131 (Lateral line nerve)
- HYOPRION HEMIODON M  ller & Henle  
Springer & Thompson, 1957 (2): 160.
- HYOPRION LONGIROSTRIS Poey, 1876.  
Springer & Thompson, 1957 (2): 160.
- HYOPRION MACLOTI (M  ller & Henle)  
Springer & Thompson, 1957 (2): 160.
- HYOPRION PLAYFAIRII G  nther  
Springer & Thompson, 1957 (2): 160.
- HYOPRION SIGNATUS (Poey)  
— Night Shark  
Springer & Thompson, 1957 (2): 160 (Gulf of Mex., Fla.)  
Mather & Gibbs, 1957 (3): 242  
(N. Atlantic)



**HYPOPRION SIGNATUS** (continued)

- Krumholz, 1957(4): 300 (Bimini, Bahamas)  
Daiber, 1960(1): 68 (Notes)  
Garrick, Backus & Gibbs, 1964 (2): 374.

**HYPORHAMPHUS** Gill

- Tortonese, 1964 (1): 101.

**HYPORHAMPHUS PATRIS**

- Miller, 1958 (3): 237 (Mex.)

**HYPORHAMPHUS PICARTI** Jordan & Hubbs, 1917.

- Tortonese, 1964 (1): 102 (Med.)

**HYPOSTOMUS PLECTOSTOMUS**

- Val. — Sucker Catfish  
Baslow & Nigrelli, 1961 (1): 9.

**HYPHILEPS ANALOSTANUS**

- (Girard, 1859)  
Gibbs, 1963 (3): 520, 522 (Syn.)

**HYPHILEPS KENTUCKIENSIS**

- (Cope, 1866).  
Gibbs, 1963 (3): 521 (Syn.)

**HYPHOBLENNIUS** Gill

- Krejsa, 1960 (4): 323.

**HYPHOBLENNIUS GENTILIS** (Girard)

- Krejsa, 1960 (4): 327.

**HYPHOBLENNIUS GILBERTI**

- (Jordan) — Rockpool Blenny.  
Norris & Prescott, 1959 (4): 281 (Teeth & jaw)

**HYPHOBLENNIUS STRIATUS** (non Steindachner)

- Krejsa, 1960 (4): 331 (Syn.)

**HYPHOPSETTA GUTTALATA** (Girard)

- Carpelan, 1961 (1): 37 (Salinity tol.)

**I**

**ICELUS SPATULA** Gilbert & Burke  
Gordon & Backus, 1957 (1): 19 (Labrador)

**ICHTHYOCOCCUS** Bonaparte, 1840  
Rechnitzer & Böhlke, 1958 (1): 10.

**ICHTHYOCOCCUS ELONGATUS**  
Imai, 1941.

- Rechnitzer & Böhlke, 1958 (1): 11 (N-N. E. Pacific, Japan)

**ICHTHYOCOCCUS IRREGULARIS**

- Rechnitzer & Böhlke, 1958.  
Rechnitzer & Böhlke, 1958 (1): 10-11 (E. Pacific)

**ICHTHYOCOCCUS OVATUS** (Cocco)

- Rechnitzer & Böhlke, 1958 (1): 10 (Med. Sea, E. Atlantic, Indian O.)

**ICHTHYOMYZON ARGENTEUS** (Kirtland)

- Starrett, Harth & Smith, 1960 (4): 337 (Ill.)

**ICHTHYOMYZON BDELLIUM** (Jordan)

- Starrett et al, 1960 (4): 338. (Ill.)

**ICHTHYOMYZON CASTANEUS**

- (Girard) — Chestnut Lamprey

- Bailey, 1959 (2): 163. (Missouri)

- Starrett, Harth & Smith, 1960 (4): 337 (Ill.)

- Cross & Metcalf, 1963 (1): 187.

- (Missouri River System)

**ICHTHYOMYZON CONCOLOR**

- Evermann & Cox, 1896.

- Bailey, 1959 (2): 162.

- Starrett et al, 1960 (4): 337 (Ill.)

**ICHTHYOMYZON HIRUDO** Girard

- Starrett, Harth & Smith, 1960 (4): 337 (Syn. - Ill.)

**ICHTHYOMYZON UNICUSPIS** Hubbs

- & Trautman — Silver Lamprey.

- Bailey, 1959 (2): 163 (SD)

- Starrett, Harth & Smith, 1960 (4): 337 (Ill.)

- Cross & Metcalf, 1963 (1): 187.

- (Missouri River system)

**ICHTHYSOPUS BARBATUS**

- Mees, 1962 (2): 462 (Internal nares).

**ICHTHYSOPUS INSPERATUS**

- Mees, 1962 (2): 462 (Internal nares).

**ICHTHYSOPUS SPINOSUS**

- Mees, 1962 (2): 462 (Internal nares).

**ICHTHYS LOCKINGTONI** Jordan &

- Gilbert — Medusafish  
Mansueti, 1963 (1): 61. (Symbiosis with jellyfish)

**ICTALURIDAE**

- Clugston & Cooper, 1960 (1): 9.

- Behnke & Wetzel, 1960 (2): 142 (Conn.)

- Cahn & Shaw, 1962 (1): 110 (Cupulae)

- Uyeno & Miller, 1962 (2): 340

- (Pleistocene-Texas)

- Smith, 1962 (3): 507 (Pliocene)

**ICTALURUS** Raf.

- Harrington & Harrington, 1960 (4): 315.

- Branson & Moore, 1962 (1): 64

- (Acoustico-lateralis syst.)

- Cahn & Shaw, 1962 (1): 110

- (Cupulae).

- Uyeno & Miller, 1962 (2): 340

- (Pleistocene-Texas).

- Smith, 1962 (3): 509 (Pliocene)

**ICTALURUS BENDERENSIS** Smith,

1962. — Catfish

- Smith, 1962 (3): 517 (Pliocene Kansas).

**ICTALURUS CATUS** (Linn.)

- White Catfish

- Schwartz, 1956 (4): 251 (Parasitized)

- Jayaram, 1958 (4): 248 (Tax.)

- Behnke & Wetzel, 1960 (2): 142

- (Conn.)

- Branson & Moore, 1962 (1): 81-82

- (Acoustico-lateralis syst.)

- ICTALURUS CATUS (continued)  
 Uyeno & Miller, 1962 (2): 344.  
 Sneed & Clemens, 1963 (4): 606  
 (Testes).
- ICTALURUS FURCATUS (LeSueur)  
 —Blue Catfish  
 Robinson, 1959 (3): 255 (Lower  
 Rio Grande)  
 Eddy & Underhill, 1959 (4): 342.  
 Uyeno & Miller, 1962 (2): 343.  
 Smith, 1962 (3): 510.  
 Sneed & Clemens, 1963 (4): 607  
 (Testes)
- ICTALURUS LAMBDA Hubbs &  
 Hibbard. —Catfish  
 Uyeno & Miller, 1962 (2): 340.  
 Smith, 1962 (3): 510 (Pliocene-  
 Kansas)
- ICTALURUS MELAS (Raf.)  
 —Black Bullhead  
 Smith, 1958 (3): 178, 179  
 (Pleistocene-Okla. & Kansas)  
 Robinson, 1959 (3): 255 (Lower  
 Rio Grande)  
 Behnke & Wetzel, 1960 (2): 142  
 (Conn.)  
 Branson, McCoy & Sisk, 1960 (3):  
 219 (Sonoma, Mex.)  
 Smith, 1962 (3): 515.  
 Smith, 1963 (2): 255 (E. Illinois)  
 Eisler, 1963 (2): 276 (Coloration)  
 Smith, 1963 (2): 281 (Pleistocene)  
 Sneed & Clemens, 1963 (4): 607  
 (Testes)  
 Clemens & Johnson, 1964 (2): 390.
- ICTALURUS MERIDIONALIS Günther  
 Hubbs & Miller, 1960 (2): 110  
 (El Petén).
- ICTALURUS NATALIS (LeSueur).  
 —Yellow Bullhead  
 Behnke & Wetzel, 1960 (2): 141  
 (Mass., N. Y.)  
 Smith, 1962 (3): 514.  
 Miller, 1963 (1): 1. Arizona.  
 Smith, 1963 (2): 255. (E. Illinois)
- ICTALURUS NEBULOSUS (LeSueur)  
 —Brown Bullhead  
 Schwartz, 1956 (4): 251  
 (Parasitized)  
 Patten, 1960 (1): 72 (Wash.)  
 Behnke & Wetzel, 1960 (2): 142  
 (Conn.)  
 Krueger, 1961 (4): 449.  
 Branson & Moore, 1962 (1): 86  
 (Acoustico-lateralis syst.)  
 Smith, 1962 (3): 512 (Pliocene-  
 Kansas)  
 Wagner & Cooper, 1963 (2): 351.
- ICTALURUS NEBULOSUS (continued)  
 Sneed & Clemens, 1963 (4): 607  
 (Testes)  
 Weisel & McLaury, 1964 (4): 687  
 (Blind-Ore.)  
 Ali & Hanyu, 1964 (4): 704  
 (Multiple lenses in eyes-Que.)
- ICTALURUS PUNCTATUS (Raf.)  
 —Channel Catfish  
 Personius & Eddy, 1955 (1): 42  
 (Little Missouri R.)  
 Schwartz, 1956 (4): 251  
 (Parasitized)  
 Smith, 1958 (3): 179 (Pleistocene-  
 Kans.)  
 Robinson, 1959 (3): 255 (Lower  
 Rio Grande)  
 Behnke & Wetzel, 1960 (2): 142  
 (Conn.)  
 Ferguson, 1961 (4): 392 (Miss.)  
 Uyeno & Miller, 1962 (2): 343  
 (Pleistocene-Texas)  
 Smith, 1962 (3): 507 (Pliocene-  
 Nebr.)  
 Miller, 1963 (1): 1 (Ariz.)  
 McGrew, III, 1963 (1): 178  
 (Feeding on diamondback water  
 snakes)  
 Smith, 1963 (2): 281 (Lower Pliocene  
 & Pleistocene)  
 Sneed & Clemens, 1963 (4): 607  
 (Testes)
- ICTALURUS SAWROCKENSIS Smith,  
 1962. —Catfish  
 Smith, 1962 (3): 514 (Pliocene-  
 Kansas).
- ICTICUS PELLUCIDUS (Lütken)  
 —Blackrag  
 Mansueti, 1963 (1): 62. (Symbiosis  
 with jellyfish)
- ICTIOBUS Raf.  
 —Buffalofish  
 Starrett et al, 1960 (4): 338 (Ill.)  
 Uyeno & Miller, 1962 (2): 340  
 (Pleistocene-Texas)  
 Smith, 1963 (2): 280. (Pleistocene-  
 SW Kansas)
- ICTIOLEUS BUBALUS (Raf.)  
 —Smallmouth Buffalofish  
 Smith, 1962 (3): 509 (Pliocene-Okla.)  
 Clemens & Johnson, 1964 (2): 390.
- ICTIOBUS CYPRINELLUS (Val.)  
 —Bigmouth Buffalofish  
 Smith, 1962 (3): 509.  
 Cross & Metcalf, 1963 (1): 187.  
 (Missouri River System)  
 Crossman & Ferguson, 1963 (1):  
 187 (Canada).  
 Clemens & Johnson, 1964 (2): 390.

- ICTIOBUS NIGER (Raf.)  
Smith, 1962 (3): 509.
- IDIACANTHIDAE  
Briggs, 1960 (3): 174.
- IDIACANTHUS FASCIOLA Peters  
Briggs, 1960 (3): 174 (Circum-tropical)
- IJIMAIA Sauter  
Walters, 1963 (2): 456 (Tax.).
- IJIMAIA ANTILLARUM Howell  
Rivero, 1935.  
Kanazawa, 1957 (3): 235 (Gulf of Mexico)
- ILISHA FURTHII (Steindachner)  
Gunter, 1957 (1): 14 (In fresh water)
- ILISHA INDICA (Swainson)  
Dehadrai, 1960 (2): 125 (Ext. communic. of swim bladder-India)
- ILYODON Eigenmann  
Miller, 1956 (2): 118 (Live shipments)
- ILYOPHIS BRUNNEUS Gilbert  
— Eel.  
Orton, 1962 (3): 664 (Vertebral count).
- ILYPNUS Jordan & Evermann, 1895.  
Barlow, 1961 (4): 424.
- IMMOBILIZING FISH  
Burke, 1962 (4): 852 (To remove blood).
- INOPSETTA ISCHYRA (Jordan & Gilbert, 1880).  
Aron, 1958 (2): 105 (Hybrid-syn.)
- IOTICHTHYS Jordan & Evermann  
Branson & Moore, 1962 (1): 28 (Acoustico-lateralis syst.)
- IOTICHTHYS PHLEGETHONTIS (Cope)  
Branson & Moore, 1962 (1): 26 (Acoustico-lateralis syst.)
- ISESTHES BREVIPINNIS (Günther, 1861)  
Krejsa, 1960 (4): 331 (Syn.)
- ISISTIUS Gill  
Garrick & Springer, 1964 (4): 678.
- ISISTIUS BRASILIENSIS (Quoy & Gaimard, 1824)  
Briggs, 1960 (3): 173 (Circum-tropical)
- Backus, 1960 (3): 245 (W. North Atl.)
- Strasburg, 1963 (1): 33. (Diet & dentition)  
Garrick & Springer, 1964 (4): 678.
- ISISTIUS BRASILIENSIS UNICOLOR (Val. in Müller & Henle, 1841).  
Garrick & Springer, 1964 (4): 678.
- ISISTIUS PLUTODUS Garrick & Springer, 1964.  
Garrick & Springer, 1964 (4): 679 (Atl. O.-Ala.)
- ISOPSETTA ISOLEPIS Lockington  
Batts, 1964 (4): 669 (Lepidology).
- ISTIBLENNIUS Whitley, 1943.  
Springer, 1963 (2): 452.
- ISTIOMPAX Whitley, 1931.  
Morrow, 1959 (4): 349 (Tax.)
- ISTIOMPAX AUSTRALIS Whitley, 1931.  
Morrow, 1959 (4): 349 (Syn.)
- ISTIOMPAX DOMBRAINI Whitley, 1954.  
Morrow, 1959 (4): 349 (Syn.)
- ISTIOMPAX INDICUS (Cuvier, 1831). — Black Marlin.  
Morrow, 1959 (4): 347 (Tax.)
- ISTIOMPAX MARLINA (Jordan & Hill). — Black Marlin  
Strasburg, 1959 (3): 245.  
Coldwell, 1962 (2): 267 (Types).  
Talbot & Penrith, 1962 (2): 468 (Feeding).
- ISTIOPHORIDAE  
— Spearfishes  
Briggs, 1960 (3): 177.  
Caldwell, 1962 (2): 467.
- ISTIOPHORUS Lac., 1802.  
Briggs, 1961 (2): 162 (Tax.)  
Strasburg & Marr, 1961 (2): 228 (Color phase)
- Walters, 1963 (2): 270 (Integument)
- ISTIOPHORUS ALBICANS (Latreille)  
— Atlantic Sailfish  
Mather, 1960 (2): 149 (Recaptures)  
Jones, 1962 (2): 453 (New spawning area).
- ISTIOPHORUS AMERICANUS (Cuv.)  
— Sailfishes  
Arnold, 1955 (2): 150 (Gulf of Mexico)
- ISTIOPHORUS GLADIUS (Broussonet)  
Tortonese, 1964 (1): 103.
- ISTIOPHORUS GREYI Jordan & Evermann — Eastern Pacific Sailfish  
Caldwell, 1962 (2): 468 (Types).
- ISTIOPHORUS ORIENTALIS Schlegel  
— Sailfish  
DeSylva & Davis, 1963 (1): 88.  
Strasburg, 1964 (1): 229.
- ISURIDAE  
Briggs, 1960 (3): 173.  
Gilbert & Oren, 1964 (3): 534 (No nictitans)
- ISURUS GLAUCUS (Müller & Henle)  
Strasburg, 1963 (1): 38. (Tooth replacement)

- ISURUS OXYRHYNCHUS Raf.  
—Mako, Sharp-nosed Mackerel  
Shark  
Krumholz, 1957 (4): 302  
(Measurements - Bimini)  
Backus, 1960 (3): 243 (W. North Atl.)  
Scattergood, 1962 (2): 462 (Maine)  
Tortonese, 1964 (1): 100 (Med.).

## J

- JENKINSIA Jordan & Evermann  
Collette, 1962 (3): 659 (Status).  
JENKINSIA BERMUDANA Rivas, 1946.  
Collette, 1962 (3): 659.  
JENKINSIA LAMPROTAENIA (Gosse)  
Collette, 1962 (3)M 659.  
JENKINSIA VIRIDIS (Bean)  
Collette, 1962 (3): 659.  
JENYNSIA LINEATA (Jenyns)  
Turner, 1957 (3): 195 (Breeding cycle)  
JOHNIUS ANEUS Broch  
Trewavas, 1964 (1): 110.  
JOHNIUS BELENGERII (Cuv.)  
Trewavas, 1964 (1): 109.  
JOHNIUS CARUTTA Broch  
Trewavas, 1964 (1): 109.  
JOHNIUS COITOR (Cuv.)  
Trewavas, 1964 (1): 109.  
JOHNSONINA ERIOMMA Myers  
Woods, 1959 (3): 222  
(W. Caribbean)  
JORDANELLA Goode & Bean  
Uyeno & Miller, 1962 (3): 528.  
JORDANIA ZONOPE Starks, 1895.  
—Longfin Sculpin.  
Wilke, 1963 (3): 588  
(Br. Columbia)  
JOTURUS Poey  
Ebeling, 1957 (3): 173 (Dentition)  
JULIDOCROMIS Boul.  
Kosswig, 1963 (2): 243. (Speciation)

## K

- KAJIKIA MITSUKURII  
—Striped Marlin  
DeSylva & Davis, 1963 (1): 87.  
KANAZAWAICHTHYS Schultz, 1957.  
Hubbs, 1958 (4): 232 (Tax.)  
KANAZAWAICHTHYS SCUTATUS  
Schultz, 1957.  
Hubbs, 1958 (4): 282 (Tax.)  
KAREIUS BICOLORATUS  
(Basilewsky)  
Walters, 1961 (4): 485.  
(Asymmetry)  
KATHETOSTOMA ALBIGUTTA (Bean)  
Mees, 1962 (2): 462.  
KATHETOSTOMA LAEVE (Block  
& Schneider)  
Mees, 1962 (2): 462.  
KATHETOSTOMA NIGROFASCIATUM  
Mees, 1962 (2): 462 (Internal nares)  
KATSUWONUS PELAMIS (Linn,  
1758) —Oceanic Bonito.  
Mather & Gibbs, 1957 (3): 242  
(N. Atl.)  
Briggs, 1960 (3): 177 (Circum-  
tropical)  
Strasburg & Marr, 1961 (2): 226  
(Color phase)  
KAUPICHTHYS Schultz, 1943.  
Kanazawa, 1957 (3): 234.  
Matsubara & Asano, 1959 (4): 293.  
Orton, 1964 (2): 441.  
KAUPICHTHYS ATLANTICUS  
Böhlke, 1956.  
Matsubara & Asano, 1959 (4): 293.  
Orton, 1964 (2): 443.  
KAUPICHTHYS ATRONASUS  
Schultz, 1953.  
Matsubara & Asano, 1959 (4): 293.  
Orton, 1964 (2): 443.  
KAUPICHTHYS BRACHYCHIRUS  
Schultz  
Orton, 1964 (2): 443.  
KAUPICHTHYS DIODONTUS  
Schultz, 1943  
Matsubara & Asano, 1959 (4): 293.  
Orton, 1964 (2): 443.  
KAUPICHTHYS DIODONTUS  
JAPONICUS Matsubara &  
Asano, 1959.  
Matsubara & Asano, 1959 (4): 293  
(Japan)  
Orton, 1964 (2): 443.  
KETENGUS Bleeker, 1847.  
Hubbs & Miller, 1960 (2): 103.  
KIRTLANDIA Jordan & Evermann  
—Silverside  
Myers, 1964 (1): 41.  
KNIPOWITSCHIA LONGICAUDATA  
(Kessler)  
Slattenenko, 1955 (3): 233  
(Black Sea)  
KOSSWIGICHTHYS Šözer, 1942.  
Uyeno & Miller, 1962 (3): 528.  
KRYPTOPTERUS Bleeker  
Breder, 1962 (3): 565.  
KUHLIA Gill  
Gosline, 1961 (3): 265.  
KUHLIA SANDVICENSIS  
(Stendachner)  
Gosline, 1961 (3): 266 (Caudal  
skeleton)  
KYPHOSIDAE  
Randall, 1961 (3): 358.

KYPHOSUS Lac., 1802.

Briggs, 1961 (2): 162 (Tax.)

Randall, 1961 (3): 357.

KYPHOSUS SECTATOR (L.) (sectatrix)

Tortonese, 1964 (1): 101 (Med.).

KYPHOSUS SECTATRIX (Linn.)

—Rudderfish

Springer, 1961 (4): 482 (Tampa Bay, Fla.)

Dawson, 1963 (1): 181. (Gulf of Mexico, Miss.)

L

LABEO Cuv.

Hewitt et al, 1963 (2): 296. (Muscle proteins)

LABEO MELANAMPYX Day, 1865

Silas, 1956 (3): 194 (Tax.)

LABEO ROHITA Hamilton-Buchanan

Das & Saxena, 1956 (2): 100 (Circulation of blood).

LABRICHTHYS Bleeker

Böhlke & Cliff, 1956 (2): 96.

LABRIDAE

Gosline, 1961 (3): 265 (Caudal skeleton)

LABRISOMUS BUCCIFERUS Poey

Springer, 1959 (4): 291 (Jamaica, Haiti, Panama, Florida)

LABRISOMUS CANARIENSIS (Val.)

Springer, 1959 (4): 291.

LABRISOMUS DENDRITICUS

Springer, 1959 (4): 289 (Galapagos Isl.)

LABRISOMUS FILAMENTOSUS

Springer, 1959.

Springer, 1959 (4): 289 (Caribbean Sea)

LABRISOMUS GOBIO (Cuv. & Val.)

Springer, 1959 (4): 291 (Virgin Isl.)

LABRISOMUS GUPPYI (Norman)

Springer, 1959 (4): 291 (Jamaica, Haiti, Florida)

LABRISOMUS HAITIENSIS Beebe & Tee-Van

Springer, 1959 (4): 291 (Virgin Isl.)

LABRISOMUS NIGRICINCUS

Springer, 1959 (4): 291 (Jamaica, Haiti, Puerto Rico)

LABRISOMUS NUCHIPINNIS (Quoy

& Gaimard) Springer, 1959 (4): 290 (Brazil)

LABRISOMUS PHILIPPI Steindachner

Springer, 1959 (4): 290 (Peru-Chile)

LABRISOMUS TRINDADENSIS

Pinto, 1957.

Springer, 1959 (4): 290 (Trindade Isl., Brazil)

LABROBLENNIUS Borodin, 1928.

Springer, 1962 (2): 427. (Tax.)

LABROBLENNIUS NICHOLSI

Borodin, 1928.

Springer, 1962 (2): 427-428. (Syn.)

LABROIDES Bleeker

Brock, 1956 (3): 196 (Hawaii)

LABRUS BERGYLTA Ascanius, 1767.

Slastenenko, 1955 (3): 234.

Gosline, 1961 (3): 267 (Caudal skeleton)

LABRUS BIMACULATUS Linn., 1758.

Bailey, 1957 (4): 303 (Tax.)

LABRUS LUPUS (Cuv. & Val.)

Mansueti, 1963 (1): 65. (Symbiosis with jellyfish)

LABRUS OPERCULARIS Linn., 1758.

Rendahl, 1958 (2): 145 (Tax.)

LABRUS PUNCTATA Block, 1792.

Bailey, 1957 (4): 303 (Tax.)

LAEVOCERATIAS LIPARIS Parr

Grey, 1959 (3): 225.

LAGOCEPHALUS Swainson

Tyler, 1962 (4): 797.

Tortonese, 1964 (1): 101 (Med.)

LAGOCEPHALUS LAGOCEPHALUS (Linn.)

Tortonese, 1964 (1): 100 (Indian Ocean).

LAGOCEPHALUS SPADICEUS

(Richardson)

Tortonese, 1964 (1): 103.

LAGODON RHOMBOIDES (Linn.)

—Pinfish

Deubler, 1958 (2): 115 (Postlarvae)

Harrington & Rivas, 1958 (2): 129 (Fla.)

Boschung, 1962 (2): 457 (Fla.)

Breder, 1962 (2): 460 (Effects of hurricane).

Breder, 1962 (3): 663.

Robins & DeSylva, 1964 (3): 589.

LAMINOSPONDYLUS Springer, 1957.

Springer, 1957 (2): 136 (Upper Cret. - Texas).

LAMINOSPONDYLUS TRANSVERSUS

Springer.

Springer, 1957 (2): 136 (Upper Cret. - Texas)

LAMNA NASUS (Bonnaterre)

—Porbeagle, mako.

Bright, 1960 (2): 145 (Alaska)

Backus, 1960 (3): 243 (W. North Atlantic)

Scattergood, 1962 (2): 462.

- LAMPADENA DEA Fraser-Brunner  
Paxton, 1963 (1): 32. (Tax.)
- LAMPADENA LUMINOSA Garman  
Briggs, 1960 (3): 174 (Circum-tropical)
- LAMPADENA NITIDA  
Paxton, 1963 (1): 32. (Tax.)
- LAMPADENA UROPHAOS Paxton  
Paxton, 1963 (1): 29. (Eastern Pac. O.-Calif. to Mexico)
- LAMPANYCTUS Bonaparte  
Berry, 1964 (2): 380 (Upper Jaw Bones).
- LAMPANYCTUS FESTIVUS Tåning  
Briggs, 1960 (3): 175 (Circum-tropical)
- LAMPANYCTUS HUBBSI Wisner  
Wisner, 1963 (1): 16. E-Cent. Trop. Pacif. Ocean.
- LAMPANYCTUS MADERENSIS (Lowe)  
Tortonese, 1964 (1): 105 (Med.).
- LAMPANYCTUS NIGER Günther  
Briggs, 1960 (3): 175 (Circum-tropical)
- LAMPANYCTUS NOBILIS Tåning  
Briggs, 1960 (3): 175 (Circum-tropical)
- LAMPANYCTUS OMOSTIGMA Gilbert  
Wisner, 1963 (1): 16. (Morphology)
- LAMPANYCTUS OMOSTIGMA PARVICAUDA Parr  
Wisner, 1963 (1): 16. (Morphology)
- LAMPANYCTUS PARVICAUDA (Parr)  
Wisner, 1963 (1): 16. (Stat. nov.)
- LAMPANYCTUS TENUIFORMIS (Brauer)  
Briggs, 1960 (3): 175 (Circum-tropical)
- LAMPETRA Bonnatere, 1788.  
Legendre, 1962 (1): 222 (Tax.)
- LAMPETRA AEPYPTERA (Abbott)  
Vladykov, 1955 (3): 222.  
Cooper & Hemphill, 1957 (1): 54 (Ala.)  
Knapp et al, 1963(2): 455 (Md.)
- LAMPETRA DANFORDI (Regan)  
Slastenenko, 1955 (3): 234 (Black Sea)
- LAMPETRA FLUVIATILIS (Linn., 1758)  
Vladykov, 1955 (3): 220.  
Legendre, 1962 (1): 222.
- LAMPETRA LAMOTTEI (LeSueur)  
—Amer. Brook Lamprey  
Sawyer, 1960 (2): 136 (N.H.)  
Behnke & Wetzell, 1960 (2): 142 (Conn.)
- LAMPETRA MARIAE (Berg)  
Slastenenko, 1955 (3): 234 (Black Sea)
- LAMPETRA PLANERI (Block)  
Vladykov, 1955 (3): 215 (Europe)
- LAMPETRA ZANANDREAI Vladykov  
Vladykov, 1955 (3): 216 (N. Italy).
- LAMPICHTHYS Regan  
Wisner, 1963 (1): 25. (Tax.)
- LAMPREYS  
Sawyer, 1959 (3): 256 (Burrowing activities of larvae)
- LAMPRIDAE  
Briggs, 1960 (3): 176.
- LAMPRIIS REGIUS (Bonnaterre)  
—Opah  
Briggs, 1960 (3): 176 (Circum-tropical)
- Tortonese, 1964 (1): 100 (Med.).
- LAMPROLOGUS LELEUPI  
Kosswig, 1963 (2): 243. (Speciation)
- LASIOGNATHUS Regan, 1925.  
Grey, 1956 (4): 245.
- LATILIDAE  
Berry, 1958 (2): 120.
- LAUBUCA Bleeker  
Silas, 1957 (1): 61 (Tax.)
- LEBISTES DeFilippi  
Hisaoka & Firlit, 1962 (4): 788.  
Liem, 1963 (2): 309. (Sex reversal).
- LEBISTES RETICULATUS (Peters)  
—Guppy  
Rosenthal, 1955 (1): 52 (Abnormal birth of broods)  
Gibson & Hirst, 1955 (3): 241 (Effect of salinity)  
Breder, 1957 (2): 134 (Fossilization exper.)  
Warburton, Hubbs & Hagen, 1957 (4): 299.  
Krueger, 1961 (4): 447.  
Hisaoka, 1963 (1): 189 (Teratoma)  
Hewitt et al, 1963(2): 298. (Muscle proteins)  
Schultz, 1963 (2): 325 (Vertebral deformity)  
Kosswig, 1964(1): 65 (Polymorphism)  
Deacon et al, 1964(2): 385 (Introduced Nev.)  
Linder, 1964 (4): 708 (Idaho)
- LECANOGASTER Briggs, 1957.  
Briggs, 1957 (3): 204.
- LECANOGASTER CHRYSEA Briggs, 1957.  
Briggs, 1957 (3): 204-205 (Gold Coast)



- LEFUA Herzenstein  
Branson & Moore, 1962 (1): 28  
(Acoustico-lateralis-syst.)
- LEFUA ECHIGONIA Jordan &  
Richardson  
Branson & Moore, 1962 (1): 28  
(Acoustico-lateralis syst.)
- LEFUA NIKKONIA (Jordan &  
Fowler)  
Branson & Moore, 1962 (1): 28  
(Acoustico-lateralis syst.)
- LEIOGNATHIDAE  
Tortonese, 1964 (1): 103 (Med.).
- LEIOGNATHUS Lac., 1803.  
Briggs, 1961 (2): 163. (Tax.)  
Hewitt et al, 1963 (2): 296 (Muscle  
proteins)
- LEIOGNATHUS KLUNZINGERI  
Tortonese, 1964 (1): 103.
- LEIOSTOMUS XANTHURUS (Lac.)  
—Spot  
Gunter, 1957 (1): 14.  
Deubler, 1958 (2): 115 (Postlarvae)  
Harrington, 1958 (2): 129 (Fla.)  
Reid & Hoese, 1958 (3): 228 (Size  
distub. -Texas)  
Daiber & Booth, 1960 (2): 138.  
Hess, 1961 (2): 239 (Food of rays)  
Breder, 1962 (2): 460 (Effects of  
hurricane)  
Joseph et al, 1964 (2): 432 (Eggs)
- LEPADICHTHYS Waite  
—Clingfishes  
Briggs, 1962 (2): 424.
- LEPADICHTHYS VOLINI Briggs,  
1962.  
Briggs, 1962 (2): 424 (New  
Hebrides)
- LEPADICHTHYS COCCINOTAENIA  
Regan  
Briggs, 1962 (2): 425.
- LEPADICHTHYS FRENATUS Waite  
Briggs, 1962 (2): 425.  
Briggs, 1962 (4): 851. (Amami  
Isl.)
- LEPADICHTHYS MINOR Briggs.  
Briggs, 1962 (2): 425.
- LEPADICHTHYS SANDARACATUS  
Whitley  
Briggs, 1962 (2): 425.
- LEPADOGASTER LEPADOGASTER  
LEPADOGASTER (Walbaum)  
Briggs, 1957 (3): 204, 208.  
(Dakar to Medit.)  
Tortonese, 1964 (1): 105 (Med.)
- LEPADOGASTER LEPADOGASTER  
PURPUREA (Bonnaterre,  
1788)

- LEPADOGASTER LEPADOGASTER  
PURPUREA (Continued)  
Briggs, 1957 (3): 208. (France to  
Shetland Isl.)  
Tortonese, 1964 (1): 105 (Med.).
- LEPADOGASTRINAE  
Briggs, 1957 (3): 205.
- LEPIDOCYBUIM FLAVOBRUNNEUM  
(Smith)  
Schultz & Springer, 1956 (1): 65  
(Gulf of Mexico)  
Briggs, 1960 (3): 177 (Circum-  
tropical)  
Bartlett & Backus, 1962 (4): 845  
(Bahamas)  
Walters, 1963 (2): 270. (Integument)
- LEPIDOGOBIUS Gill, 1859.  
Barlow, 1961 (4): 424.
- LEPIDOGOBIUS DETRUSUS (Gilbert  
& Scofield)  
Barlow, 1961 (4): 424.
- LEPIDOGOBIUS SETA Ginsberg  
1938.  
Barlow, 1961 (4): 424.
- LEPIDOMEDA VITATA Cope  
—Little Colorado Spinedace  
Miller, 1963 (1): 1-5. (Distrib.,  
Variation & ecology, endemic  
to E. Arizona)
- LEPIDOPHANES PYRSOBOLUS  
(Alcock)  
Briggs, 1960 (3): 175 (Circum-  
tropical)
- LEPIDOPSETTA BILINEATA Ayres  
Aron, 1958 (2): 105 (Hybrid)  
Batts, 1964 (4): 669 (Lepidology)
- LEPIDOSARDA RETIGRAMMA  
Kishinouye, 1926.  
Schultz & Springer, 1956 (1): 65  
(Syn.)
- LEPIDOSIREN Fitzinger  
Myers, 1964 (1): 38.
- LEPIDOSIREN PARADOXA Fitz.  
—South American Lungfish  
Boslow & Nigrelli, 1961 (1): 9.
- LEPIDOTES Agassiz, 1832.  
Briggs, 1961 (1): 163 (Tax.)
- LEPIDOTRIGLA Günther  
Tortonese, 1964 (1): 102.
- LEPIDOTUS I.deAsso, 1801.  
Briggs, 1961 (1): 163 (Tax.)
- LEPIDOTUS Agassiz, 1833.  
Briggs, 1961 (1): 163 (Tax.)
- LEPIOPOMUS ISCHYRUS Jordan &  
Nelson, 1877.  
Smith & Bridges, 1960 (3): 253  
(Type)

## LEPISOSTEIDAE

Uyeno & Miller, 1962 (2): 339  
(Pleistocene-Texas).

Smith, 1962 (3): 506 (Pliocene)

## LEPISOSTEUS Lac., 1803

Harrington, 1955 (4): 268. (Bones)

Odum & Caldwell, 1955 (2): 106

(Anaerobic spring-Fla.)

Briggs, 1961 (1): 163 (Tax.)

Smith, 1962 (3): 506 (Pliocene-  
Nebr.)

Branson & Moore, 1962 (1): 26,  
29. (Acoustico-lateralis syst.)

## LEPISOSTEUS OCULATUS (Raf.)

Uyeno & Miller, 1962 (2): 340.

Smith, 1963 (2): 279. (L. oculatus  
(Winchell))

Branson & Hartmann, 1963 (3):  
591 (Kansas)

Clemens & Johnson, 1964 (2): 390.

## LEPISOSTEUS OSSEUS (Linn.)

Robinson, 1959 (3): 255 (Lower Rio  
Grande)

Branson & Moore, 1962 (1): 2  
(Acoustico-lateralis syst.)

Uyeno & Miller, 1962 (2): 340.

## LEPISOSTEUS PLATOSTOMUS Raf.

—Shortnose Gar

Uyeno & Miller, 1962 (2): 340.

Smith, 1963 (2): 278. (Pleistocene-  
SW Kansas)

Branson & Hartmann, 1963 (3): 591  
(Kansas)

## LEPISOSTEUS PLATYRHINCUS

DeKay — Garfish

Phillips, 1958 (4): 331 (Unusual  
color)

## LEPISOSTEUS PRODUCTUS Cope

—Spotted Gar.

Eddy & Underhill, 1959 (4): 343.

## LEPISOSTEUS SPATULA Lacepède

—Alligator Gar.

Robinson, 1959 (3): 255 (Lower  
Rio Grande)

Uyeno & Miller, 1962 (2): 339  
(Pleistocene-Texas).

Smith, 1962 (3): 508 (Pliocene-  
Okla.)

Smith, 1963 (2): 278.

## LEPOMIS Raf.

Branson & Moore, 1962 (1): 15, 24.  
(Acoustico-lateralis syst.)

## LEPOMIS AURITUS (Linn.)

—Redbreast Sunfish.

Odum & Caldwell, 1955 (2): 105  
(Respir. in anaerobic spring-  
Fla.)

Behnke & Wetzel, 1960 (2): 143  
(Conn.)

## LEPOMIS AURITUS (Continued)

Branson & Moore, 1962 (1): 15  
(Acoustico-lateralis syst.)

## LEPOMIS CYANELLUS Raf.

—Green Sunfish

Duwe, 1955 (2): 92 (Devel. of  
gas bladder).

Eaton, 1956 (3): 199 (Olfactory  
organs)

Lagler & Steinmetz, 1957 (4):  
292.

Smith, 1958 (3): 179 (Pleistocene-  
Okla.)

Kilby, Crittenden & Williams,  
1959 (1): 77 (Fla.-freshwater)

Robinson, 1959 (3): 255 (Lower  
Rio Grande)

Behnke & Wetzel, 1960 (2): 143  
(Conn.)

Branson, McCoy & Sisk, 1960 (3):  
220 (Mex.)

Hunter & Wisby, 1961 (1): 113  
(Nest)

Branson & Moore, 1962 (1): 15,  
24. (Acoustico-lateralis syst.)

Smith, 1962 (3): 516 (Pliocene-  
Kansas)

Miller, 1963 (1): 1. Arizona

Smith, 1963 (2): 254. (E. Illinois)

Smith, 1963 (2): 282 (Upper Pliocene  
& Pleistocene)

Ferguson, 1963 (2): 442 (Heptachlor)  
McCleave, 1964 (3): 507.

## LEPOMIS CYANELLUS X L.

MACROCHIRA

Smith & Bridges, 1960 (3): 253  
(Ill.)

## LEPOMIS GARMANI Forbes, 1885.

Smith & Bridges, 1960 (3): 254  
(Type)

## LEPOMIS GIBBOSUS (Linn.)

—Pumpkinseed Sunfish

Personius & Eddy, 1955 (1): 42  
(Little Missouri R.)

Eaton, 1956 (3): 198.

Lagler & Steinmetz, 1957 (4): 290  
(Hybrids)

Parker & Hasler, 1959 (1): 11  
(Movements of displaced)

Behnke & Wetzel, 1960 (2): 143  
(Conn.)

Krueger, 1961 (4): 449.

Branson & Moore, 1962 (1): 15,  
24 (Acoustico-lateralis syst.)

Crossman, 1962 (1): 120 (N.C.).

Wagner & Cooper, 1963 (2): 356.

Knapp & Al, 1963 (2): 455 (Md.)

Weisel & McLaury, 1964 (4): 687  
(Ore.).

- LEPOMIS GIBBOSUS X. L.  
MACROCHIRUS —Sunfish  
Hybrid  
Lagler & Steinmetz, 1957 (4):  
290 (Characteristics &  
fertility)
- LEPOMIS HUMILIS (Girard)  
—Orangespotted Sunfish  
Moore & Burris, 1956 (1): 20.  
Kilby, Crittenden & Williams,  
1959 (1): 77 (Fla-freshwater)  
Branson & Moore, 1962 (1): 15,  
25. (Acoustico-lateralis syst.)  
Smith, 1963 (2): 255. (E. Ill.)  
Smith, 1963 (2): 283. (Pleistocene)
- LEPOMIS MACROCHIRUS  
MACROCHIRUS Raf.  
Duwe, 1955 (2): 93 (gas bladder)  
Odum & Caldwell, 1955 (2): 105  
(Respir. in Anaerobic spring-  
Fla.)  
Dineen & Stokely, 1956 (4): 218  
(osteology)  
Lagler & Steinmetz, 1957 (4): 290  
(Hybrids)  
Crawford, 1958 (4): 330 (Fin  
Clipping behavior)  
Parker & Hasler, 1959 (1): 11  
(Movements of Displaced)  
Robinson, 1959 (3): 255 (Lower  
Rio Grande)  
Behnke & Wetzell, 1960 (2): 143  
(Conn.)  
Kuehne & Bailey, 1961 (1): 7.  
Krueger, 1961 (4): 447.  
Branson & Moore, 1962 (1): 15,  
24. (Acoustico-lateralis syst.)  
Crossman, 1962 (1): 120 (N.C.)  
Smith, 1963 (2): 255. (E. Illinois)  
Ferguson, 1963 (2): 442 (Heptachlor)  
Weisel & McLaury, 1964 (4): 687  
(Ore.)
- LEPOMIS MACROCHIRUS  
PURPURESCENS (Cope)  
Branson, McCoy & Sisk, 1960 (3):  
220 (Sonora, Mex.)
- LEPOMIS MARGINATUS (Holbrook)  
Branson & Moore, 1962 (1): 15,  
25. (Acoustico-lateralis syst.)  
Crossman, 1962 (1): 120 (N.C.)
- LEPOMIS MEGALOTIS (Raf.)  
—Longear Sunfish  
Robinson, 1959 (3): 255 (Lower  
Rio Grande)  
Branson & Moore, 1962 (1): 15,  
25. (Acoustico-lateralis syst.)  
Smith, 1963 (2): 254. (E. Illinois)  
Moore & Sisk, 1963 (2): 350 (Eyes)  
McCleave, 1964 (3): 507.

- LEPOMIS MICROLOPHUS (Günther)  
—Shellcracker, Redear Sunfish  
Odum & Caldwell, 1955 (2): 105  
(Respir. in anaerobic spring-  
Fla.)  
Robinson, 1959 (3): 255 (Lower  
Rio Grande)  
Branson & Moore, 1962 (1): 15,  
24. (Acoustico-lateralis syst.)  
Smith, 1962 (3): 507 (Pliocene-  
Nebr.)
- LEPOMIS PUNCTATUS (Val.)  
Robinson, 1959 (3): 255 (Lower  
Rio Grande)  
Branson & Moore, 1962 (15, 25  
(Acoustico-lateralis syst.)
- LEPOMIS PUNCTATUS MINIATUS  
Jordan  
Smith & Bridges, 1960 (3): 254  
(Ill.)
- LEPOMIS SYMMETRICUS Forbes,  
in Jordan & Gilbert, 1883.  
Smith & Bridges, 1960 (3): 254  
(Type)  
Branson & Moore, 1962 (1): 15,  
28 (Acoustico-lateralis syst.)  
Sharma, 1964 (3): 533.
- LEPOPHIDIUM Gill  
Robins, 1962 (3): 487 (Pacific  
species)
- LEPOPHIDIUM APORRHOS Robins,  
1961.  
Robins, 1961 (2): 218.
- LEPOPHIDIUM BREVIBARBE  
A. deMiranda Ribeiro, 1915.  
Robins, 1961 (2): 213 (Syn.)
- LEPOPHIDIUM FLUMINESE  
A. deMiranda Ribeiro, 1903.  
Robins, 1961 (2): 213 (Syn.)
- LEPOPHIDIUM JEANNAE Fowler,  
Robins, 1961 (2): 221.  
Robins, 1962 (3): 497.
- LEPOPHIDIUM KALLION Robins  
Robins, 1961 (2): 218.
- LEPOPHIDIUM MICROLEPIS  
(Gilbert)  
Robins, 1962 (3): 494 (Tax.).
- LEPOPHIDIUM NEGROPINNA  
Hildebrand & Barton, 1949.  
Robins, 1962 (3): 495 (Tax.).
- LEPOPHIDIUM PARDALE (Gilbert)  
Robins, 1962 (3): 492 (Tax.).
- LEPOPHIDIUM PHEROMYSTAX  
Robins, 1960.  
Robins, 1961 (2): 220.  
Robins, 1962 (3): 497.
- LEPOPHIDIUM PRORATES (Jordan  
& Bollman)  
Robins, 1962 (3): 488 (Tax.).

- LEPOPHIDIUM STIGMATISUM (sic)  
Hildebrand & Barton, 1949.  
Robins, 1962 (3): 494.
- LEPOPHIDIUM STIGMATISTUM  
(Gilbert)  
Robins, 1962 (3): 494 (Tax.)
- LEPTOCEPHALUS (Gronow)  
Springer, 1962 (2): 426.
- LEPTOCEPHALUS CONGER Linn.  
Rosenblatt, 1958 (1): 52.
- LEPTOCEPHALUS CONGER  
Jordan & Gilbert, 1882.  
Rosenblatt, 1958 (1): 54 (Syn.)
- LEPTOCEPHALUS HYOPROROIDES  
Strömman, 1896. — Eel  
Orton, 1964 (2): 435-436 (Larvae).
- LEPTOCEPHALUS LANCEOLATOIDES  
Schmidt  
Orton, 1964 (2): 438 (Larvae)
- LEPTOCEPHALUS LANCEOLATUS  
Strömman  
Orton, 1964 (2): 438 (Larvae).
- LEPTOCEPHALUS LATISSIMUS  
Schmidt  
Orton, 1963 (1): 6 (Larval  
anatomy)
- LEPTOCEPHALUS LATUS Schmidt  
Orton, 1963 (1): 7 (Syn.)
- LEPTOCEPHALUS LONGIDENS  
(Garman, 1899).  
Orton, 1964 (2): 439 (Larvae)
- LEPTOCEPHALUS PSEUDOLATISSIMUS  
Bertin  
Orton, 1963 (1): 6 (Larval anatomy)
- LEPTOCEPHALUS THORIANUS  
Schmidt, 1910.  
Orton, 1964 (2): 435.
- LEPTOCERDALE LONGIPINNIS  
Weymouth, 1910.  
Dawson, 1962 (2): 332 (Syn.)
- LEPTOCLINUS MACULATUS (Fries)  
Gordon & Backus, 1957 (1): 19  
(Labrador)
- LEPTOCOTTUS ARMATUS ARMATUS  
Girard — Northern Staghorn  
Sculpin  
Lockley, 1957 (3): 241 (Ore.-  
adrenal Cortical hormones)  
Carpelan, 1961 (1): 38 (Salinity  
tolerance)
- LEPTOLEPIS BRONNI Agassiz  
Harrington, 1955 (4): 286 (Bones).  
Springer, 1957 (2): 139.
- LEPTOLEPIS MACROPHthalmus  
Springer, 1957 (2): 135
- LEPTOPERCA Gill, 1896.  
Collette, 1963 (4): 617 (Tax.)
- LEPTOPHIDIUM EMMELAS Gilbert,  
1890.  
Robins, 1961 (2): 215 (Syn.)
- LEPTOPHIDIUM MICROLEPIS  
Gilbert, 1890.  
Robins, 1962 (3): 494 (Syn.).
- LEPTOPHIDIUM PARDALE Gilbert,  
1890.  
Robins, 1962 (3): 492 (Syn.).
- LEPTOPHIDIUM PRORATES Jordan  
& Bollman, 1890.  
Robins, 1962 (3): 488 (Syn.).
- LEPTOPHIDIUM STIGMATISTUM  
Gilbert, 1890.  
Robins, 1962 (3): 494 (Syn.).
- LESTIDIUM ATLANTICUM Borodin  
Rofen, 1959 (4): 288.
- LESTIDIUM BATHYOPTERYX  
(Fowler)  
Rofen, 1959 (4): 286.
- LESTIDIUM ELONGATUM Ege  
Rofen, 1959 (4): 286.
- LESTIDIUM GRACILE Ege, 1953.  
Rofen, 1959 (4): 286 (New Zealand).
- LESTIDIUM INTERMEDIUM (Poey)  
Rofen, 1959 (4): 288.
- LESTIDIUM JAPONICUM Tanaka  
Rofen, 1959 (4): 288.
- LESTIDIUM JOHNFITCHI Rofen, 1959.  
Rofen, 1959 (4): 284 (Calif.).
- LESTIDIUM MIRABILE (Ege)  
Rofen, 1959 (4): 286.
- LESTIDIUM NUDUM Gilbert  
Rofen, 1959 (4): 286.
- LESTIDIUM POFI Harry  
Rofen, 1959 (4): 288.
- LESTIDIUM PROLIXUM Harry  
Rofen, 1959 (4): 286.
- LESTIDIUM PSEUDOSPHYRAENOIDES  
(Sarató)  
Tortonese, 1964 (1): 102 (Med.)
- LESTIDIUM SIMILE (Ege)  
Rofen, 1959 (4): 286.
- LESTIDIUM SPHYRAENOIDES  
(Risso)  
Tortonese, 1964 (1): 102 (Med.)
- LETHARCHUS OPERCULARIS  
Myers & Wade, 1949.  
Schultz & Barton, 1960 (4): 352  
(Galapagos)
- LETHARCHUS PACIFICUS Nichols,  
1916. — Snake-eel.  
Schultz & Barton, 1960 (4): 351  
(Pacific)
- LETHARCHUS VELIFER Goode &  
Bean  
Springer, 1961 (4): 481 (Tampa  
Bay, Fla.)

- LETHOPS Hubbs, 1925.  
Barlow, 1961 (4): 424.
- LETHRINIDAE  
Akazaki, 1961 (4): 437.
- LEUCASPIUS DELINEATUS (Heckel)  
Holcik & deWit, 1962(2): 378.
- LEUCICHTHYS Dydowski  
Dymond, 1964(1): 19 (Tax.)
- LEUCICHTHYS ALPENAE Koelz  
Dymond, 1964(1): 14 (Canada)  
Smith, 1964(1): 230.
- LEUCICHTHYS ARTEDI (LeSueur)  
—Cisco  
John, 1956(2): 116 (Spawning activities - Wisc.)  
Daiber, 1956(3): 141 (Food habits)  
Dymond, 1964(1): 21 (Canada)  
Smith, 1964(1): 230.
- LEUCICHTHYS AUTUMNALIS (Pallas)  
Dymond, 1964(1): 14.
- LEUCICHTHYS HOYI (Gill)  
Smith, 1964(1): 230. (Lake Michigan)
- LEUCICHTHYS MACROPTERUS  
Bean, 1916.  
Smith, 1964(1): 230 (Tax.)
- LEUCICHTHYS SARDINELLA (Val.)  
Dymond, 1964(1): 14.
- LEUCICHTHYS TULLIBEE (Richardson)  
Dymond, 1964(1): 3.
- LEUCIDIUS PECTINIFER Snyder, 1918.  
Bailey & Uyeno, 1964(1): 238 (Tax.)
- LEUCISCUS BICOLOR (Girard)  
—Blue Chub  
Bailey & Uyeno, 1964(1): 238 (Tax.).
- LEUCISCUS BUBALINUS Baird & Girard, 1853.  
Gibbs, 1957(3): 185 (Tax.)
- LEUCISCUS CAURINUS Snyder  
Patten, 1960(1): 73 (Chiselmouth X Squawfish)
- LEUCISCUS CEPHALUS (Linn.)  
Harrington, 1955(4): 278. (Bones)  
Lachner & Deubler, 1960(4): 358.
- LEUCISCUS LINEATUS Girard, 1856.  
Bailey & Uyeno, 1964(1): 239. (Tax.)
- LEUCISCUS LINEOLATUS Günther, 1868.  
Suttkus, 1958(4): 317.
- LEUCISCUS LUTRENSIS Baird & Girard, 1853.  
Gibbs, 1957(3): 185 (Tax.)
- LEUCISCUS RUTILIS (Linn.)  
—Roach  
Deubler, Jr. & Posner, 1963(2): 312 (Response to low oxygen conc.)
- LEUCISCUS VANDOISULUS Val. - (Cuv. & Val.)  
Lachner & Deubler, 1960(4): 358 (Syn.)
- LEUCISCUS VULGARIS Fleming  
Lachner & Deubler, 1960(4): 358.
- LEUROGLOSSUS Gilbert  
Berry, 1964(2): 377 (Upper Jaw Bones).
- LIACHIRUS Günther, 1862.  
Weed, 1961(3): 292.
- LICHIA AMIA (Linn.)  
Slashtenko, 1955(3): 233 (Black Sea)
- LILE STOLIFERA (Jordan & Gilbert)  
Miller, 1958(3): 236 (Mex.)
- LIMANDA FERRUGINEA (Storer)  
—Rusty Dab  
Eisler, 1964(2): 276. (Coloration)
- LIMIA CAUDOFASCIATA Regan  
Rosen & Mendelson, 1960(3): 204 (Sensory canals)
- LIMIA DOMINICENSIS (Cuv. & Val.)  
Rosen & Mendelson, 1960(3): 204 (Sensory canals)
- LIMIA MELANONOTA Nichols & Myers  
Rosen & Mendelson, 1960(3): 204 (Sensory canals)
- LIMIA NIGROFASCIATA Regan  
Rosen & Mendelson, 1960(3): 204 (Sensory canals)  
Hewitt et al, 1963(2): 298. (Muscle proteins)
- LIMIA ORNATA Regan  
Rosen & Mendelson, 1960(3): 204 (Sensory canals)  
Hewitt et al, 1963(2): 298. (Muscle proteins)
- LIMIA VERSICOLOR (Günther)  
Rosen & Mendelson, 1960(3): 204 (Sensory canals)
- LIMIA VITTATA (Guichenot)  
Hewitt et al, 1963(2): 298. (Muscle proteins)
- LINOPHRYNE COLLETTI Weber, 1913.  
Grey, 1959(3): 227.
- LINUCHE UNGUICULATA  
Mansueti, 1963(1): 65. (Symbiosis with young fishes)

- LIOGNATHUS Agassiz, 1846.  
     Briggs, 1961 (2): 163 (Tax.)  
 LIOMONACANTHUS Bleeker, 1865.  
     Randall, 1964 (2): 335. (Syn.)  
 LIOMONACANTHUS PARDALIS  
     Bleeker, 1865.  
     Randall, 1964 (2): 356 (Syn.).  
 LIPARIS ATLANTICUS (Jordan &  
     Evermann)  
     Gordon & Backus, 1957 (1): 18  
         (Labrador)  
 LIPORIS CYCLOSTIGMA Gilbert  
     Gordon & Backus, 1957 (1): 19  
         (Labrador)  
 LIPARIS KOEFOEDI Parr  
     Gordon & Backus, 1957 (1): 19  
         (Labrador)  
     Kooyman, 1963 (2): 458  
         (Hemoglobin)  
 LIPARIS TUNICATUS (Reinhardt)  
     Gordon & Backus, 1957 (1): 19  
         (Labrador)  
 LIZA Jordan & Swain  
     John, 1955 (3): 227 (Key to species)  
 LIZA BORNEENSIS Bleeker  
     John, 1955 (3): 228 (India)  
 LIZA CERAMENSIS Bleeker  
     John, 1955 (3): 227 (India)  
 LIZA MACROLEPIS (Smith)  
     John, 1955 (3): 228 (India, &  
         S. Afr.)  
 LIZA OLIVACEUS Day, 1878  
     John, 1955 (3): 228 (Tax.)  
 LIZA TROSCHLI Bleeker  
     John, 1955 (3): 228 (India)  
 LOBIANCHIA DOFLEINI (Zugmayer)  
     Briggs, 1960 (3): 175.  
 LOBIANCHIA GEMELLARI (Cocco)  
     Briggs, 1960 (3): 175 (Circum-  
         tropical)  
 LOBOTES EMARGINATUS Baird &  
     Girard  
     Gunter, 1957 (1): 13 (Marine fishes  
         in freshwater)  
 LOBOTES SURINAMENSIS (Bloch)  
     — Tripletail  
     Caldwell, 1955 (2): 152 (Gulf of  
         Mexico)  
     Gunter, 1957 (1): 13 (Marine fishes  
         in freshwater)  
 LOPHENOCHELYS FOWLERI  
     Tortonese, 1964 (1): 101 (Med.).  
 LOPHIUS Linn.  
     Orton, 1955 (3): 214.  
 LOPHIUS AMERICANUS Cuv. &  
     Val. — Goosefish  
     Ray, 1961 (2): 230  
 LOPHIUS PISCATORIUS Linn.  
     Dymond, 1955 (2): 146.  
     Kooyman, 1963 (2): 458  
         (Hemoglobin)  
     Walters, 1955 (2): 146.  
 LOPHOCEPHALUS Osoris, 1906  
     Grey, 1955 (2): 147-148 (Syn.).  
 LOPHOCEPHALUS ANTHRAX  
     Osorio, 1906.  
     Grey, 1955 (2): 147-148 (Syn.)  
 LOPHOLATILUS Goode & Bean,  
     1879.  
     Berry, 1958 (2): 120.  
 LOPHOPSETTA MACULATA  
     (Mitchill)  
     Kooyman, 1963 (2): 458  
         (Hemoglobin)  
 LOPHOTES Bosc  
     Briggs, 1961 (1): 163 (Tax.)  
 LOPHOTES CEPEDIANUS Cuv.  
     & Val.  
     Orton, 1957 (1): 56 (Embryology)  
 LOPHOTES ELAMI Arambourg,  
     1944.  
     Walters, 1957 (1): 60.  
 LOPHTIDAE  
     Walters, 1957 (1): 60.  
     Walters, 1960 (2): 145 (Ink sac)  
     Briggs, 1960 (3): 176.  
 LOPHOTUS Giorna, 1809.  
     Briggs, 1961 (1): 163 (Tax.)  
 LOPHOTUS CAPELLII Temminck  
     & Schlegel — Crestfish  
     Walters, 1957 (1): 60.  
     Briggs, 1960 (3): 176 (Circum-  
         tropical)  
 LOPHOTUS LACEPEDEI Giorna  
     Walters, 1957 (1): 60.  
 LOTA Oken  
     Cahn & Shaw, 1962 (1): 110  
         (Cupulae).  
 LOTA LOTA (Linn.)  
     Sharma, 1964 (3): 532.  
 LOTA LOTA LACUSTRIS (Walbaum)  
     — Burbot  
     Beeton, 1956 (1): 58 (Food habits)  
 LOWEINA RARA (Lütken)  
     Briggs, 1960 (3): 175 (Circum-  
         tropical)  
 LUCANIA Günther  
     Uyeno & Miller, 1962 (3): 528.  
 LUCANIA GOODEI Jordan  
     Odum & Caldwell, 1958 (2): 105  
         (Respir. in anaerobic spring-  
         Fla.)  
 LUCANIA PARVA (Baird & Girard)  
     — Rainwater Killifish  
     Harrington, 1958 (1): 2 (Fla.)  
     Harrington & Rivas, 1958 (2): 129  
         (Fla.)



**LUCANIA PARVA** (Continued)

- Robinson, 1959 (3): 255 (Lower Rio Grande)  
Behnke & Wetzel, 1960 (2): 142 (Conn.)  
Breder, 1962 (2): 460 (Effects of hurricane)

**LUCAYA** Böhlke, 1957.

- Böhlke, 1958 (1): 59 (Preoccupied)

**LUCAYABLENNIUS** Böhlke, 1958.

- Böhlke, 1958 (1): 59 (Substitute name for Lucaya)

**LUCAYABLENNIUS ZINGARO**

- (Böhlke)  
Böhlke, 1958 (1): 59.

**LUCIOPERCA** Schinz, 1822

- Collette, 1963 (4): 616 (Tax.)

**LUCIOPERCA** Cuv. in Cuv. & Val., 1828.

- Collette, 1963 (4): 616 (Syn.)

**LUCIOPERCA MARINA** (Cuv.)

- Slastenko, 1955 (3): 234 (Black Sea)

**LUCIOPERCA VOLGENSIS** (Gmelin)

- Slastenko, 1955 (3): 234 (Black Sea)

- Collette, 1963 (4): 616 (Syn.)

**LUCIOPERCINAE**

- Collette, 1963 (4): 615 (Phylogeny)

**LUCIOPERCINI**

- Collette, 1963 (4): 615 (Phylogeny)

**LUMPENUS FABRICII** Reinhardt

- Gordon & Backus, 1957 (1): 18 (Labrador)

**LUMPENUS LUMPRETAEFORMIS**

- (Walbaum) — Snake Blenny  
Gordon & Backus, 1957 (1): 18 (Labrador)

**LUMPENUS MEDIUS** Reinhardt

- Gordon & Backus, 1957 (1): 18 (Labrador)

**LUTIANUS** Cuv., 1798.

- Briggs, 1961 (1): 163 (Syn.).

**LUTIANUS ANALIS** (Cuv. & Val.)

- Muttonfish  
Mather & Gibbs, 1957 (3): 243 (N. Atl.)

**LUTIANUS ARGENTIVENTRIS**

- (Peters) — Snapper  
Gunter, 1957 (1): 13 (In freshwater-Mexico)

**LUTIANUS AYA** (Bloch)

- Snapper.  
Myers, 1959 (2): 158.

**LUTIANUS COLORADO** (Jordan

- & Gilbert)  
Gunter, 1957 (1): 15 (In fresh water)

**LUTIANUS NOVEFASCIATUS**

(Gill)

- Gunter, 1957 (1): 15 (In fresh water)

**LUTJANUS** Bloch, 1790.

- Myers, 1960 (1): 67.  
Briggs, 1961 (1): 163 (Tax.)  
Branson & Moore, 1962 (1): 30 (Acoustico-lateralis syst.)

**LUTJANUS APODUS** (Walbaum)

- Robinson, 1959 (3): 256 (Lower Rio Grande)

**LUTJANUS GRISEUS** (Linn.)

- (Lutianus) — Gray Snapper  
Weinreb & Bilstad, 1955 (3): 199.  
Gunter, 1957 (1): 13 (Marine fish in fresh water)  
Harrington & Rivas, 1958 (2): 129 (Fla.)

- Vorenberg, 1962 (2): 456 (Fla.)

**LUTJANUS SYNAGRIS** (Linn.)

— Snapper

- Vorenberg, 1962 (2): 456 (Fla.).  
**LUXILUS ANALOSTANUS** (Girard, 1859)

- Gibbs, 1963 (3): 513, 520 (Syn.)

**LUXILUS CORNUTUS** (Mitchill)

- Gilbert & Bailey, 1962 (4): 817.

**LUXILUS ROSEUS** Jordan, 1877.

- Suttkus, 1958 (4): 308, 316 (Syn.)

**LUZONICHTHYS** Herre, 1936.

- Smith, 1956 (4): 251 (Tax.)

**LUZONICHTHYS ADDISI** (Smith)

- Smith, 1956 (4): 251. (Astove & Aldabra)

**LUZONICHTHYS WAITEI** (Fowler, 1931)

- Herre, 1955 (3): 224, 225 (Solomon Isl.)

- Smith, 1956 (4): 251 (Philippine Isl.)

**LUZONICHTHYS WHITLEYI** (Smith, 1955)

- Smith, 1956 (4): 251.

**LYCENCHELYS JORDANI**

- (Evermann & Goldsborough, 1907).

- Bayliff, 1959 (1): 78 (Ore. to Sitka Sound, Alaska).

**LYCHNOPHORA** Fraser-Brunner

- (Lampadena subgen.)

- Paxton, 1963 (1): 32. (Tax.)

**LYCODAPUS FIERASFER** Gilbert, 1891.

- Bayliff, 1959 (1): 79 (Alaska)

**LYCODAPUS GROSSIDENS** Gilbert

- Bayliff, 1959 (1): 80.

- LYCODAPUS MANDIBULARIS  
Gilbert, 1915.  
Bayliff, 1959 (1): 79-80 (Calif. to B. C.)
- LYCODES BREVIPIES Bean  
DeWitt, 1962 (4): 820.
- LYCODES DIAPTERUS Gilbert, 1892.  
Bayliff, 1959 (1): 78 (Calif. to Bering Isl. USSR & Sea of Japan)
- LYCODES FRIGIDUS Collette  
Walters, 1961 (2): 237 (Arctic Basin)
- LYCODES PALEARIS Gilbert, 1895.  
Bayliff, 1959 (1): 178 (Wash. - to Chukchi Sea & Peter the Great Bay, USSR)
- LYCODES PALLIDUS Collette  
Gordon & Backus, 1957 (1): 18 (Labrador)
- LYCODES RETICULATUS Reinhardt  
Gordon & Backus, 1957 (1): 19 (Labrador)
- LYCODES TURNERI TURNERI Bean  
Gordon & Backus, 1957 (1): 19 (Labrador)
- LYCODOPSIS PACIFICA Collette, 1879.  
Bayliff, 1959 (1): 78 (Calif. to Alaska).
- LYCOGRAMMA Gilbert, 1915.  
Bayliff, 1959 (1): 78 (Tax.)
- LYCOGRAMMA BRUNNEA (Bean, 1891)  
Baycliff, 1959 (1): 78.
- LYCOGRAMMA SOLDATOVI Schmidt, 1950.  
Baycliff, 1959 (1): 78-79 (Tax.)
- LYOMERI  
Orton, 1963 (1): 6 (Larval anatomy)
- LYOPSETTA EXILIS (Jordan & Gilbert)  
Batts, 1964 (4): 669 (Lepidology).
- LYTHRYPNUS Jordan & Evermann  
Barlow, 1961 (4): 436.
- M**
- MACRIAS Gill  
DeWitt, 1962 (3): 658.
- MACRIAS AMISSUS Gill & Townsend  
DeWitt, 1962 (3): 657 (Chilean Coast).
- MACROPINNA Chapman, 1939.  
Berry, 1964 (2): 378 (Upper Jaw Bones).
- MACROPINNA MICROSTOMA  
Chapman  
Berry, 1964 (2): 379 (Upper Jaw Bones).
- MACROPODUS CHINENSIS (Bloch)  
Rendahl, 1958 (2): 145.
- MACROPODUS OPERCULARIS (Linn.) — Chinese Paradisefish  
Rendahl, 1958 (2): 145 (Orig. descrip.)  
Barlow, 1962 (2): 358.
- MACROPODUS VIRIDI-AURATUS Lac.  
Rendahl, 1958 (2): 145.
- MACRORHAMPHOSUS GRACILIS (Lowe) — Slender Snipefish  
Briggs, 1960 (3): 178 (Circum-tropical)
- MACRORHAMPHOSUS SCOLOPAX (Linn.) — Longspine Snipefish  
Miller, 1959 (2): 160 (Gulf of Maine)  
Briggs, 1960 (3): 178 (Circum-tropical)
- Mansueti, 1963 (1): 62. (Symbiosis with jellyfish)
- Tortonese, 1964 (1): 100 (Med.).
- MACROUROIDES INFLATICEPS Radcliffe, 1912.  
Marshall, 1964 (1): 92.
- MACROZOARCES AMERICANUS (Bloch & Schneider) — Pout  
Williams, 1959 (1): 20 (Ovary weight)
- MACROURIDAE  
Briggs, 1960 (3): 176.
- MACRURUS PECTORALIS Gilbert, 1892.  
Bayliff, 1959 (1): 78.
- MAENIDAE  
Cahn & Shaw, 1962 (1): 110 (Cupulae).
- MAKAIRA Lac.  
Strasburg & Marr, 1961 (2): 228 (Color phase)  
Walters, 1963 (2): 270. (Integument)
- MAKAIRA ALBIDA (Poey)  
— White marlin  
Mather, 1960 (2): 150 (Recaptures)  
Jones, 1962 (2): 453.  
Bartlett & Backus, 1962 (4): 846.
- MAKAIRA AMPLA (Poey)  
Strasburg, 1959 (3): 245.  
Jones, 1962 (2): 453.
- MAKAIRA AMPLA TAHITIENSIS Nichols & LaMonte, 1941.  
Morrow, 1959 (4): 349 (Syn.)

- MAKAIRA AUDAX (Philippi)  
Strasburg, 1959 (3): 245.
- MAKAIRA INDICA Deraniyagala,  
1933.  
Morrow, 1959 (4): 349 (Syn.)  
Strasburg, 1964 (1): 229.  
Penrith, 1964 (1): 232.
- MAKAIRA MARLINA Jordan &  
Hill, 1926.  
Morrow, 1959 (4): 349 (Syn.)
- MAKAIRA MARLINA TAHITIENSIS  
Morrow, 1958.  
Morrow, 1959 (4): 349 (Syn.)
- MAKAIRA MARLINA MARLINA  
Morrow, 1958.  
Morrow, 1959 (4): 349 (Syn.)
- MAKAIRA MAZARA LaMonte,  
1955 (non Jordan & Snyder,  
1901).  
Morrow, 1959 (4): 349 (Syn.)
- MAKAIRA NIGRICANS Lac.  
—Blue marlin.  
Briggs, 1960 (3): 177 (Circum-  
tropical)  
Squire, 1962 (1): 216 (W. North  
Atl.)  
Morrow, 1962 (1): 220 (Variation  
in pectoral girdle)  
Strasburg, 1964 (1): 228  
(Symbiosis)
- MAKAIRA NIGRICANS MARLINA  
Nichols & LaMonte, 1935.  
Morrow, 1959 (4): 349 (Syn.)
- MAKAIRA NIGRICANS TAHITIENSIS  
Nichols & LaMonte, 1935.  
Morrow, 1959 (4): 349 (Syn.)
- MALACANTHIDAE  
Berry, 1958 (2): 120 (Key to  
genera & species)
- MALACANTHUS Berry  
Hubbs, 1958 (4): 283 (Tax.)
- MALACANTHUS Cuv., 1829.  
Berry, 1958 (2): 116.
- MALACANTHUS HOEDTHI Bleeker  
Berry, 1958 (2): 117 (Pac. &  
Indian Ocean)  
Hubbs, 1958 (4): 282 (Tax.)
- MALACANTHUS LATOVITTATUS  
—Blue Whiting  
Berry, 1958 (2): 120 (Pac. &  
Indian Ocean)
- MALACANTHUS PLUMIERI (Bloch)  
Berry, 1958 (2): 116. (Atlantic  
Ocean)  
Hubbs, 1958 (4): 283 (Tax.)
- MALACOCEPHALUS LAEVIS  
Lowe  
Marshall, 1964 (1): 87.
- MALACOCTENUS AFUERAEE  
(Hildebrand)  
Springer, 1959 (4): 290.
- MALACOCTENUS AUROLINEATUS  
Smith  
Springer, 1959 (4): 291  
(Jamaica, Haiti)
- MALACOCTENUS BOEHLKEI  
Springer  
Springer, 1959 (4): 291 (Virgin  
Isl.)
- MALACOCTENUS DELALANDEI  
(Cuv. & Val.)  
Springer, 1959 (4): 291 (Haiti).
- MALACOCTENUS EBISUI  
Springer  
Springer, 1959 (4): 291 (Mexico)
- MALACOCTENUS ERDMANI Smith  
Smith  
Springer, 1959 (4): 261  
(Jamaica, Haiti)
- MALACOCTENUS GILLI  
(Steindachner)  
Springer, 1959 (4): 291  
(Jamaica)
- MALACOCTENUS HUBBSI  
POLYPOROSUS Springer  
Springer, 1959 (4): 291.
- MALACOCTENUS MACROPUS  
(Poey)  
Springer, 1959 (4): 291. (Tax.)
- MALACOCTENUS MARGARITAE  
MEXICANUS Springer  
Springer, 1959 (4): 291.
- MALACOCTENUS TRIANGULATUS  
Springer  
Springer, 1959 (4): 291  
(Jamaica, Haiti, Virgin Isl.)
- MALACOCTENUS VERSICOLOR  
(Poey)  
Springer, 1959(4): 291 (Jamaica)
- MALACOSTEUS NIGER Ayres  
Crossman, 1960(3): 261  
(Orig. descrip.)  
Myers, 1964(1): 41.
- MALAPTERURIDAE—Electric fish  
Nelson, 1960(2): 131 (Lateral  
line nerve)
- MALAPTERURUS ELECTRICUS Lac.  
Nelson, 1960(2): 131 (Lateral  
line nerve)
- MALLOTUS CATERVARIUS (Pennant)  
Musacchia, Sullivan & Wilber,  
1957(1): 10 (Liver & muscle  
lipids, Arctic)
- MALLOTUS VILLOSUS (Muller)  
—Capelin  
Musacchia, Sullivan & Wilber,  
1957(1): 10 (Liver muscle  
lipids, Arctic)

- MALTHOPSIS** Alcock  
Hubbs, 1958 (3): 161.
- MANTA BIROSTRIS** (Walbaum)  
—Manta.  
Briggs, 1960 (3): 174 (Circum-tropical)
- MARCANTHIA COOKEI** — (Anemone)  
Stevenson, 1963 (4): 612 (Relation to Reeffish)
- MARCUSENIUS** Gill  
Atz & Coates, 1957 (4): 303 (Electrogenic)
- MARINE BACTERIA**  
Oppenheimer, 1955 (1): 43 (Effect on devel. of fish eggs)
- MASTIGIAS PAPUA** (Lesson)  
Mansueti, 1963 (1): 57. (Symbiosis with fish)
- MASTIGIAS SCITILLAE** Moreira  
Mansueti, 1963 (1): 56. (Symbiosis with fish)
- MASTIGIETTA PALMIPES** (Haeckel)  
Mansueti, 1963 (1): 57. (Symbiosis with fish)
- MAUROLICUS** Cocco  
Marshall, 1964 (1): 87.
- MAUROLICUS MUELLERI** (Gmelin)  
Briggs, 1960 (3): 174 (Circum-tropical)
- MAYNEA** Cunningham  
DeWitt, 1962 (4): 820 (Key)
- MAYNEA BRUNNEA** Bean, 1891.  
Bayliff, 1959 (1): 78 (Tax.)
- MAYNEA PUSILLA** Bean, 1891.  
Bayliff, 1959 (1): 78 (Tax.)
- MEASURING DEVICE**  
Counts, 1961 (2): 224 (For larval & juvenile fishes)
- MEGALOPS ATLANTICA** Val.  
—Tarpon  
Springer, 1957 (2): 139.  
Harrington, 1958 (1): 1 (Morphometry & Ecol.)  
Erdman, 1960 (2): 146 (Larvae—Puerto Rico)  
Harrington & Harrington, 1960 (4): 311 (Food of larvae & young)
- MEGALOPS CYPRINOIDES** (Broussonet)  
Harrington, 1958 (1): 1.  
Wheeler, 1964 (1): 168.
- MELAMPHAES** Günther  
Gibbs & Aron, 1960 (2): 136 (N. Pac.)
- MELAMPHAES ANTHRAX** (Osorio)  
Grey, 1955 (2): 147-148 (Tax.)
- MELAMPHAES CRISTICEPS**  
Lozano Rey, 1952.  
Grey, 1955 (2): 148 (Syn.).
- MELAMPHAES MIZOLEPIS** (Günther)  
Briggs, 1960 (3): 176 (Circum-tropical)
- MELAMPHAES NIGRESCENS**  
Brauer  
Briggs, 1960 (3): 176 (Circum-tropical)
- MELAMPHAES TRICERATOPS**  
Roule & Angel, 1933.  
Grey, 1955 (2): 147-148 (Syn.)
- MELAMPHAIDAE**  
Briggs, 1960 (3): 176.
- MELANOCETUS JOHNSONI**  
Günther, 1864.  
Briggs, 1960 (3): 179 (Circum-tropical)  
Struhsaker, 1962 (4): 841 (SE. US; Atl.)
- MELANOGLAEA VENTRALIS**  
Barnard, 1941.  
Walters, 1963 (2): 456 (Tax.)
- MELANOGRAMMUS AEGLEFINUS** (Linn.) —Haddock  
Mansueti, 1963 (1): 53. (Symbiosis with jellyfish)
- MELANONUS GRACILIS** Günther  
Grey, 1956 (4): 243.
- MELANONUS UNIPENNIS** Beebe  
Grey, 1956 (4): 243 (Gulf of Mexico).
- MELANOSTIGMA** Günther  
DeWitt, 1962 (4): 820. (Key).
- MELANOSTOMIAS ALBIBARBA**  
Regan & Trewavas  
Gibbs, 1960 (3): 203 (Distrib.)
- MELANOSTOMIAS BISERIATUS**  
Regan & Trewavas, 1930.  
Gibbs & Aron, 1960 (2): 136 (N. Pac.)  
Gibbs, 1960 (3): 203 (E. Pacific)
- MELANOSTOMIAS PAUCIRADIUS**  
Matsubara  
Gibbs, 1960 (3): 200 (Japan).
- MELANOSTOMIAS VALDIVIAE**  
Brauer, 1902.  
Gibbs, 1960 (3): 203 (Hawaiian Isl.)
- MEMBRAS MARTINICA** (Val.)  
Rubinoff, 1961 (2): 242 (Hybrids)
- MEMBRAS MARTINICA** (Val.)  
Hubbs & Drewry, 1959 (1): 80 (Intergeneric hybrids)
- MENE** Lac.  
Tortonese, 1964 (1): 102 (Eocene-Italy)

- MENIDIA* Bonaparte  
Harrington, 1955 (4): 284 (Bones)  
Branson & Moore, 1962 (1): 27,  
29-31. (Acoustico-lateralis  
syst.)
- MENIDIA BERYLLINA* (Cope)  
—Tidewater silverside  
Harrington, 1958 (1): 2 (Fla.)  
Harrington & Rivas, 1958 (2):  
129 (Fla.)  
Hubbs & Drewry, 1959 (1): 80  
(Intergeneric hybrid)  
Robinson, 1959 (3): 255 (Lower  
Rio Grande)  
Behnke & Wetzel, 1960 (2): 143  
(Conn.)  
Rubinoff, 1961 (2): 242 (Hybrids)  
Cahn & Shaw, 1962 (1): 109  
(Lateral line cupulae)  
Breder, 1962 (2): 460 (Effects of  
hurricane)  
Anderson, 1964 (1): 243 (S.C.)
- MENIDIA GRACILIS* Günther  
Branson & Moore, 1962 (1): 26.  
(Acoustico-lateralis syst.)
- MENIDIA MENIDIA* (Linn.)  
—American Silverside  
Rubinoff, 1958 (2): 146 (Raising)  
Hubbs & Drewry, 1959 (1): 80  
(Intergeneric hybrid)  
Butner & Brattstrom, 1960 (2):  
139 (Local movement, Long  
Isl.)  
Behnke & Wetzel, 1960 (2): 143  
(Conn.)  
Rubinoff, 1961 (2): 242 (Hybrids)  
Cahn & Shaw, 1962 (1): 109  
(Lateral line cupulae)
- MENIDIA MENIDIA NOTATA*  
Mitchell  
Branson & Moore, 1962 (1): 26  
(Acoustico-lateralis syst.)
- MENTICIRRHUS* Gill, 1862.  
Trewavas, 1964 (1): 107, 116.
- MENTICIRRHUS AMERICANUS*  
(Linn.)  
Trewavas, 1964 (1): 116.  
Joseph et al, 1964 (2): 432 (Eggs).
- MENTICIRRHUS ELONGATUS*  
(Günther)  
Trewavas, 1964 (1): 116.
- MENTICIRRHUS FOCALIGER*  
Ginsburg  
Breder, 1962 (2): 460 (Effects of  
hurricane)
- MENTICIRRHUS LITTORALIS*  
(Holbrook)  
Trewavas, 1964 (1): 116.
- MENTICIRRHUS MARTINICENSIS*  
(Cuv. in Cuv. & Val.)  
Trewavas, 1964 (1): 116.
- MENTICIRRHUS NASUS* (Günther)  
Trewavas, 1964 (1): 116.
- MENTICIRRHUS OPHICEPHALUS*  
Trewavas, 1964 (1): 116.
- MENTICIRRHUS SAXATILIS*  
(Bloch & Schneider)  
—Northern kingfish  
Trewavas, 1964 (1): 116.  
Joseph et al, 1964 (2): 426 (Eggs)
- MENTICIRRHUS UNDULATUS*  
(Girard)  
Carpelan, 1961 (1): 38 (Salinity  
tolerance)  
Trewavas, 1964 (1): 116.
- MERLUCCIUS* Cuv.  
Berry, 1964 (2): 382 (Upper  
Jaw Bones).
- MERLUCCIUS BILINEARIS*  
(Mitchill) —Silver Hake  
McKenzie, N. B. Scott & W. B.  
Scott, 1956 (2): 111 (Gulf  
of St Lawrence)  
Mansueti, 1963 (1): 54.  
(Symbiosis with jellyfish)
- MERLUCCIUS MERLUCCIUS*  
(Linn.)  
Slastenenko, 1955 (3): 255  
(Black Sea)  
Tortonese, 1964 (1): 100  
(Mediterranean)
- MESOGOBIUS GYMNOTRACHELUS*  
(Kessler)  
Slastenenko, 1955 (3): 233  
(Black Sea)
- MESOGONISTIUS* Gill  
Branson & Moore, 1962 (1): 18,  
41. (Acoustico-lateralis  
syst.)
- MESOGONISTIUS CHAETODON*  
(Baird)  
Eaton, 1956 (3): 199 (Olfactory  
organs)  
Branson & Moore, 1962 (1): 10,  
17 (Acoustico-lateralis  
syst.)
- METAHOMALOPTERA* Chang,  
1944.  
Inger & Chin, 1961 (2): 168.
- METAVELIFER* Walters, 1960.  
Walters, 1960 (3): 246  
(Australia)
- METAVELIFER MULTIRADIATUS*  
(Regan)  
Walters, 1960 (3): 247  
(Hawaii)

- METELECTRONA Wisner  
Wisner, 1963 (1): 24  
(Myctophidae).
- METELECTRONA AHLSTROMI  
Wisner  
Wisner, 1963 (1): 25.  
(Myctophidae S-Cent.  
Pacific Ocean)
- MEUSCHENIA Whitley  
Randall, 1964 (2): 332.
- MICROBRYCON COCHUI Ladiges,  
1950.  
Böhlke, 1958 (4): 320 (Syn.)
- MICROCAELURUS A. de Miranda -  
Ribeiro  
Böhlke, 1958 (4): 318.
- MICROCAELURUS ODONTOCHEILUS  
A. de Miranda-Ribeiro, 1939  
Böhlke, 1958 (4): 318-319 (Syn.)
- MICRODESMIDAE  
Dawson, 1962 (2): 335.
- MICRODESMUS AETHIOPICUS  
(Chabanaud)  
Dawson, 1962 (2): 331.
- MICRODESMUS AFFINIS Behre,  
1950.  
Dawson, 1962 (2): 332 (Syn.; not  
of Meek & Hildebrand)
- MICRODESMUS FLORIDANUS  
(Longley)  
Dawson, 1962 (2): 330 (Fla. &  
Bahamas).
- MICRODESMUS INTERMEDIUS  
Meek & Hildebrand, 1928.  
Dawson, 1962 (2): 331.
- MICRODESMUS LANCEOLATUS  
Dawson, 1962.  
Dawson, 1962 (2): 331. (La.).
- MICRODESMUS LONGIPINNIS  
(Weymouth)  
Springer, 1961 (4): 482 (Tampa  
Bay, Fla.)  
Dawson, 1962 (2): 330, 332  
(Caribbean).
- MICRODESMUS WOODSI Kanazawa,  
1952.  
Dawson, 1962 (2): 330, 332  
(Syn.).
- MICROGADUS PROXIMUS (Girard)  
— Pacific Tomcod  
Bright, 1960 (2): 145 (Alaska)
- MICROGADUS TOMCOD (Walbaum)  
— Tomcod  
Massmann, 1957 (2): 156 (Ches.  
Bay)  
Schaner & Sherman, 1960 (4): 347  
(Fecundity)  
Dymond, 1964 (1): 21 (Canada).
- MICROGOBIUS EULEPIS  
Eigenmann  
Massmann, 1957 (2): 157 (Syn.)
- MICROGOBIUS GULOSUS (Girard)  
Harrington & Rivas, 1958 (2):  
129 (Fla.)  
Gunter & Hall, 1963 (3): 597  
(Fla.)
- MICROGOBIUS HOLMESI Smith  
Massmann, 1957 (2): 157 (Syn.)
- MICROGOBIUS MIRAFLORENSIS  
Gilbert & Starks, 1904  
Gunter, 1957 (1): 14 (In fresh  
water)  
Miller, 1958 (3): 235 (Panama  
& W. Mex. - Tax.)
- MICROGOBIUS THALASSINUS  
(Jordan & Gilbert) — Scaled  
Goby  
Massmann, 1957 (2): 157 (Ches.  
Bay)
- MICROLOPHICHTHYS  
MICROLOPHUS (Regan)  
Grey, 1956 (4): 245.  
Fast, 1957 (3): 238.  
Briggs, 1960 (3): 179 (Circum-  
tropical)
- MICROPOECILIA BRANNERI  
(Eigenmann)  
Hewitt et al, 1963 (2): 298.  
(Muscle proteins)
- MICROPOECILIA PARAE  
Rosen & Mendelson, 1960 (3):  
204 (Sensory canals)
- MICROPOECILIA PICTA  
Hewitt et al, 1963 (2): 298.  
(Muscle proteins)
- MICROPOGON ALTIPINNIS  
Günther, 1864.  
McPhail, 1960 (3): 262 (Tax.)
- MICROPOGON ECTENES Jordan  
& Gilbert, 1881.  
McPhail, 1960 (3): 262 (Syn.)
- MICROPOGON FURNIERI  
Desmarest  
Schneider, 1962 (2): 336  
(Labyrinth)
- MICROPOGON UNDULATUS Linn.  
— Atlantic Croaker  
Gunter, 1957 (1): 14 (In fresh  
water)  
Deubler, 1958 (2): 115  
(Postlarvae)  
Reid & Hoese, 1958 (3): 227  
(Size distrib. - Texas)  
Haven, 1959 (1): 25 (Migration-  
Ches. Bay)  
Robinson, 1959 (3): 255 (Lower  
Rio Grande)



MICROPOGON UNDULATUS

(Continued)

- Gunter, 1961 (2): 235 (Salinity & size)  
 Gunter & Ward, 1961 (4): 457 (Extreme injuries)  
 Winn et al, 1964 (2): 421 (Sounds)  
 Engel & Davis, 1964 (3): 586 (Rel. between activity & blood comp.)

MICROPTERUS Lac.

—Bass

- Marr, 1955 (1): 28.  
 Branson & Moore, 1962 (1): 17 (Acoustico-lateralis syst.)  
 Smith, 1962 (3): 509 (Pliocene).

MICROPTERUS COOSAE Hubbs & Bailey

- Kilby, Crittenden & Williams, 1959 (1): 77 (Fla.-freshwater)  
 Branson & Moore, 1962 (1): 17 (Acoustico-lateralis syst.)

MICROPTERUS DOLOMIEUI

DOLOMIEUI —Smallmouth Bass

- Eaton, 1956 (3): 199 (Olfactory organs)  
 Behnke & Wetzel, 1960 (2): 143 (Conn.)  
 Hunter & Wisby, 1961 (1): 115.  
 Branson & Moore, 1962 (1): 17 (Acoustico-lateralis syst.)  
 Smith, 1963 (2): 255. (E. Illinois)  
 McCleave, 1964 (3): 507.

MICROPTERUS NOTIUS Bailey & Hubbs

- Branson & Moore, 1962 (1): 9 (Acoustico-lateralis syst.)

MICROPTERUS PUNCTULATUS (Raf.) —Spotted Bass

- Branson & Moore, 1962 (1): 9 (Acoustico-lateralis syst.)  
 McCleave, 1964 (3): 509.

MICROPTERUS SALMOIDES

FLORIDANUS (LeSueur)

- Hunsaker & Crawford, 1964 (1): 240 (Spawning Behavior)

MICROPTERUS SALMOIDES

SALMOIDES (Lac.)

—Largemouth Bass, Black Bass.

- Personius & Eddy, 1955 (1): 42 (Little Missouri R.)  
 Odum & Caldwell, 1955 (2): 105 (Respir. in anaerobic spring - Fla.)  
 Eaton, 1956 (3): 198 (Nasal organs)  
 Lagler & Steinmetz, 1957 (4): 290.  
 Parker & Hasler, 1959 (1): 11 (Movements of displaced)

MICROPTERUS SALMOIDES

SALMOIDES (Continued)

- Robinson, 1959 (3): 255 (Lower Rio Grande)  
 Patten, 1960 (1): 72 (Wash.)  
 Kramer & Smith, 1960 (1): 73 (Nests)  
 Behnke & Wetzel, 1960 (2): 143 (Conn.)  
 Robins & Böhlke, 1960 (2): 147 (Tax.)  
 Branson, McCoy & Sisk, 1960 (3): 220 (Mex.)  
 Branson & Moore, 1962 (1): 9 (Acoustico-lateralis syst.)  
 Smith, 1963 (2): 282. (Pleistocene)  
 Wagner & Cooper, 1963 (2): 351.  
 Hunsaker & Crawford, 1964 (1): 240 (Spawning Behavior)  
 Clemens & Johnson, 1964 (2): 390.  
 Weisel & McLaury, 1964 (4): 687 (Ore.)

MICROPTERUS TRECULI

(Vaillant & Bocourt)

- Branson & Moore, 1962 (1): 9 (Acoustico-lateralis syst.)

MICROSCOPE PROTRACTOR

Smith, 1956 (4): 250, fig.

MICROSPATHODON BAIRDI

(Gill)

- Norris & Prescott, 1959 (4): 280 (Teeth & jaws)

MICROSTOMA ARGENTEUM

Val., 1846.

- Cohen, 1958 (2): 133 (Tax.)

MICROSTOMA MICROSTOMA

(Risso)

- Grey, 1956 (4): 242 (Gulf of Mexico)

- Cohen, 1958 (2): 133 (Tax.)

MICROSTOMA ROTUNDATA

Risso, 1826.

- Cohen, 1958 (2): 133 (Tax.)

MICROSTOMATIDAE

Grey, 1956 (4): 242.

Cohen, 1958 (2): 134.

MICROSTOMIDAE

Gutherz, 1964 (1): 234.

MICROSTOMUS PACIFICUS

(Lockington)

- Follett, McCormick & Best, 1960 (2): 112 (Sinistrality)  
 Dawson, 1962 (1): 139 (Coloration).  
 Batts, 1964 (4): 666, 668. (Lepidology)

- MIMOCUBICEPS VIRGINIAE Fowler,  
1944.  
Robins & DeSilva, 1964 (3): 589.  
(Tax.)
- MIMOPERCA Gill & Jordan in  
Jordan, 1877.  
Collette, 1963 (4): 616 (Syn.)
- MINNILUS ANALOSTANUS (Girard,  
1859)  
Gibbs, 1963 (3): 513 (Syn.)
- MINNILUS MICROSTOMUS Raf.,  
1820.  
Suttikus, 1958 (4): 313 (Syn.)
- MINNILUS SHUMARDI (Girard)  
Gilbert & Bailey, 1962 (4): 808  
(Syn.)
- MINYTREMA MELANOPS Jordan  
Robins & Raney, 1957 (2): 154  
(Tax.)
- MINYTREMA MELANOPS (Raf.)  
—Spotted Sucker  
Crossman & Ferguson, 1963 (1):  
186. (First record, Canada)  
Smith, 1963 (2): 255. (E. Illinois)
- MIOCENRARCHUS  
Branson & Moore, 1962 (1): 89.  
(Miocene-Acoustico-lateralis  
syst.)
- MIROLABRICHTHYS Herre &  
Montalban  
Herre, 1955 (3): 223 (Tax.)
- MIROLABRICHTHYS DISPAR Herre  
Herre, 1955 (3): 224 (Gizo Isl.,  
Solomon Isls.)
- MIROLABRICHTHYS TUKA Herre  
& Montalban  
Herre, 1955 (3): 223, 225 (Tax.-  
Solomon Isl.)  
Smith, 1956 (4): 251 (Tax.)
- MIROLABRICHTHYS WAITEI Fowler,  
1931.  
Smith, 1956 (4): 251 (Tax.)
- MISGURNUS FOSSILIS (Linn.)  
Branson & Moore, 1962 (1): 86.
- MNEMIOPSIS LEIDYI  
Mansueti, 1963 (1): 49. (Symbiosis  
with fish)
- MOAPA CORIACEA Hubbs & Miller  
Deacon et al, 1964 (2): 386 (Nev.).
- MOBULIDAE  
Briggs, 1960 (3): 174.
- MOCHOCIDAE  
Briggs, 1961 (2): 163
- MOCHOCUS Günther, 1864.  
Briggs, 1961 (2): 163 (Tax.)
- MOCHOKUS Joannis, 1835.  
Briggs, 1961 (2): 163 (Tax.)
- MOLA Koelreuter  
Tyler, 1962 (4): 798.
- MOLA MOLA (Linn.)  
—Ocean Sunfish; Headfish.  
Kemp, 1957 (3): 250 (Texas)  
Briggs, 1960 (3): 178 (Circum-  
tropical)
- Mansueti, 1963 (1): 68.  
(Response to jellyfish)
- Tortonese, 1964 (1): 100 (Med.)
- MOLIDAE  
Briggs, 1960 (3): 178.
- MOLLIENESIA LeSueur  
Miller, 1956 (2): 118 (Live  
shipments)
- MOLLIENESIA FORMOSA Girard  
Hubbs, 1958 (1): 58 (Hybrids)  
Robinson, 1959 (3): 255 (Lower  
Rio Grande)  
Rosen & Mendelson, 1960 (3):  
204 (Sensory canals)  
New, 1962 (1): 150.  
Hewitt et al, 1963 (2): 298.  
(Muscle proteins)
- MOLLIENESIA LATIPINNA  
LeSueur — Sailfin Molly  
Odum & Caldwell, 1955 (2): 105  
(Respir. in anaerobic  
spring-Fla.)  
Gunter, 1957 (1): 15.  
Hubbs, 1958 (1): 58 (Hybrids).  
Harrington & Rivas, 1958 (2):  
129 (Fla.)  
Barlow, 1958 (3): 231 (In  
saline pools)  
Robinson, 1959 (3): 255 (Lower  
Rio Grande)  
Rosen & Mendelson, 1960 (3):  
204 (Sensory canals)  
Breder, 1962 (2): 460 (Effects  
of hurricane).  
Hewitt et al, 1963 (2): 298.  
(Muscle proteins)  
Deacon et al, 1964 (2): 385.  
(Introduced-Nev.)
- MOLLIENESIA LATIPUNCTATA  
LeSueur  
Harrington, 1958 (1): 2 (Fla.)  
Rosen & Mendelson, 1960 (3):  
204 (Sensory canals)  
Hewitt et al, 1963 (2): 298.  
(Muscle proteins)
- MOLLIENESIA MEXICANA  
(Steindachner) —Short-fin  
Mollies  
Deacon et al, 1964 (2): 385.  
(Introduced-Nev.)

**MOLLIENESIA PETENENSIS**

(Günther)

Rosen & Mendelson, 1960 (3): 204

(Sensory canals)

Hewitt et al, 1963 (2): 298. (Muscle proteins)

**MOLLIENESIA SPHENOPS** (Cuv. & Val.)

Hubbs, 1958 (1): 58 (Hybrids)

Rosen & Mendelson, 1960 (3): 204 (Sensory canals)

Hewitt et al, 1963 (2): 298.

(Muscle proteins)

Deacon et al, 1964 (2): 388 (Texas).

**MOLLIENESIA VELIFERA** Regan

Rosen & Mendelson, 1960 (3):

204 (Sensory canals)

Hewitt et al, 1963 (2): 298.

(Muscle proteins)

**MOLVA MOLVA** (Linn.)

— European Ling.

Hubbs, 1955 (1): 50 (Newfoundland)

**MONACANTHIDAE**

Gosline, 1961 (3): 265 (Caudal skeleton)

Berry & Poll, 1961 (3): 360.

Tortonese, 1964 (1): 103 (Med.).

**MONACANTHUS ALBOPUNCTATUS**

Seale, 1901.

Randall, 1964 (2): 340 (Syn.).

**MONACANTHUS AMPHIOXYS**

Cope, 1870.

Randall, 1964 (2): 358 (Syn.).

**MONACANTHUS ASPERSUS**

Hollard, 1854.

Randall, 1964 (2): 356 (Syn.).

**MONACANTHUS BRUNNEUS**

Castelnau, 1873.

Randall, 1964 (2): 356 (Syn.).

**MONACANTHUS CIRRHIFER**

Kendall & Radcliffe, 1912

(non Schlegel).

Randall, 1964 (2): 350 (Syn.).

**MONACANTHUS CIRRHIFER**

Schlegel.

Randall, 1964 (2): 352

(Japan).

**MONACANTHUS DUMERILII**

Hollard, 1854.

Randall, 1964 (2): 339 (Syn.).

**MONACANTHUS FATENSIS**

Seale, 1906.

Randall, 1964 (2): 356 (Syn.).

**MONACANTHUS FRONTICINCTUS**

Günther, 1866.

Randall, 1964 (2): 347 (Syn.).

**MONACANTHUS FULIGINOSUS**

Macleay, 1883.

Randall, 1964 (2): 356 (Syn.).

**MONACANTHUS FUSCUS** Fischer, 1885.

Berry & Poll, 1961 (3): 361

(Syn.)

**MONACANTHUS GUNTHERI**

Macleay

Randall, 1964 (2): 331.

**MONACANTHUS HOMOPTERUS**

Cope, 1870.

Randall, 1964 (2): 358 (Syn.).

**MONACANTHUS HOUTTUYNII**

Bleeker, 1853.

Randall, 1964 (2): 356 (Syn.).

**MONACANTHUS HOWENSIS**

Ogilby, 1889.

Randall, 1964 (2): 340 (Syn.).

**MONACANTHUS HYSTRIX**

Burton, 1834.

Randall, 1964 (2): 333. (Syn.).

**MONACANTHUS IRRORATUS**

Poey, 1860.

Randall, 1964 (2): 358 (Syn.).

**MONACANTHUS (ACANTHA-**

**LUTERUS) LAEVICAUDATUS**

Duncker & Mohr, 1931.

Randall, 1964 (2): 356 (Syn.).

**MONACANTHUS MACROCERUS**

Hollard, 1854.

Randall, 1964 (2): 343 (Syn.)

**MONACANTHUS MELANISTIUS**

Regan, 1908.

Randall, 1964 (2): 356 (Syn.).

**MONACANTHUS MELANURO-**

**TERUS** Bleeker, 1852.

Randall, 1962 (2): 355 (Syn.).

**MONACANTHUS NATALENSIS**

Gilchrist & Thompson, 1911.

Randall, 1964 (2): 356 (Syn.).

**MONACANTHUS NIGRICANS**

Macleay, 1883.

Randall, 1964 (2): 333 (Syn.)

**MONACANTHUS PARDALIS**

Rüppell, 1835.

Randall, 1964 (2): 335, 355.

(Syn.).

**MONACANTHUS PARRAIANUS**

Poey, 1863.

Randall, 1964 (2): 343 (Syn.).

**MONACANTHUS PERONI**

Hollard, 1854.

Randall, 1964 (2): 331.

**MONACANTHUS PULLUS**

Ranzani, 1842.

Randall, 1964 (2): 358 (Syn.).

- MONACANTHUS PUNCTATUS** Poey, 1868.  
 Randall, 1964 (2): 358 (Syn.).  
**MONACANTHUS RUPPELII** Castelnau, 1855.  
 Randall, 1964 (2): 358 (Syn.).  
**MONACANTHUS SCOPAS** Cuv.  
 Randall, 1964 (2): 333 (Syn.).  
**MONACANTHUS STRATUS** Poey, 1860.  
 Randall, 1964 (2): 343 (Syn.).  
**MONACANTHUS TRACHYLEPIS** Günther  
 Randall, 1964 (2): 332 (E. Australia)  
**MONIANA** Girard  
 Gibbs, 1957 (3): 185 (Tax.).  
**MONIANA DELICIOSA** Girard, 1856.  
 Suttkus, 1958 (4): 307, 316 (Status)  
**MONIANA LUTRENSIS** (Baird & Girard)  
 Gibbs, 1957 (3): 185 (Tax.).  
**MONOGNATHUS** Bertin, 1926.  
 Orton, 1963 (1): 15.  
**MONOLENE ANTILLARUM** Norman  
 Woods, 1961 (2): 194 (Key).  
**MONOLENE ASAEDAE** Clark  
 Woods, 1961 (2): 194.  
 Perkins, 1963 (2): 292. (Redescription-Mexico)  
**MONOLENE ATRIMANA** Goode & Bean  
 Woods, 1961 (2): 194 (Key).  
**MONOLENE DANAE** Brunn  
 Woods, 1961 (2): 194.  
 Perkins, 1963 (2): 295. (Gulf of Panama)  
**MONOLENE DUBIOSA** Garman  
 Woods, 1961 (2): 194.  
 Perkins, 1963 (2): 295. (Mexico).  
**MONOLENE MACULIPINNA** Garman  
 Woods, 1961 (2): 194.  
 Perkins, 1963 (2): 295. (Panama & Colombia)  
**MONOLENE MEGALEPIS** Woods, 1961.  
 Woods, 1961 (2): 192 (Puerto Rico & Caribbean Sea)  
**MONOLENE MICROSTOMA** Cadenat  
 Woods, 1961 (2): 194 (W. Afr.)  
**MONOLENE SESSILICAUDA** Goode.  
 Woods, 1961 (2): 194 (Key)  
**MONOPTERUS ALBUS** (Zuiew)  
 Liem, 1963 (2): 303. (Sex reversal)  
**MONOPTERUS JAVANENSIS** Lac.  
 Liem, 1963 (2): 304. (Syn.)  
**MONOTAXINAE** Akazaki, 1961.  
 Akazaki, 1961 (4): 437.  
**MONOTAXIS** Bennett  
 Akazaki, 1961 (4): 437.  
**MORALEsia** Fowler, 1943.  
 Böhlke & Grant, 1960 (3): 255 (Tax.)  
**MORALESICUS** Fowler, 1958.  
 Bohlke & Grant, 1960 (3): 255 (Tax.)  
**MORIDAE**  
 Grey, 1956 (4): 243.  
 Briggs, 1960 (3): 176.  
**MORINGUA ABBREVIATA** Schultz  
 Gosline & Strasburg, 1956 (1): 11 (Hawaii)  
**MORINGUA BICOLOR** Kaup  
 Gosline & Strasburg, 1956 (1): 11.  
**MORINGUA HAWAIIENSIS** Snyder, 1904. — Eel  
 Gosline & Strasburg, 1956 (1): 10 (Hawaii)  
**MORINGUA MACROCEPHALA** Schultz  
 Gosline & Strasburg, 1956 (1): 11.  
**MORINGUA MACROCHIR** Bleeker  
 Gosline & Strasburg, 1956 (1): 11 (Hawaii)  
**MORINGUA RAITABORUA** Hamilton — Eel.  
 Orton, 1962 (3): 664 (Vertebral count).  
**MORMYRIDAE**  
 — Electric Fishes.  
 Atz & Coates, 1957 (4): 303.  
 Nelson, 1960 (2): 131 (Lateral line nerve)  
 Branson & Moore, 1962 (1): 6, 81.  
**MORMYROPS** Günther  
 Atz & Coates, 1957 (4): 303 (Electrogenic)  
**MORMYRUS** Günther  
 Atz & Coates, 1957 (4): 303 (Electrogenic)  
**MORMYRUS CABALLUS** Boul.  
 Nelson, 1960 (2): 131 (Lateral line nerve)  
**MORMYRUS KANNUME** Forskål  
 Nelson, 1960 (2): 131 (Lateral line nerve)  
**MORONE** (Mitchill, 1814).  
 Woolcott, 1957 (1): 2 (Roccus subgen.)

- MORONE (Continued)  
 Branson & Moore, 1962 (1): 58.
- MORPHOMETRIC DATA  
 Marr, 1955 (1): 23 (Growth studies-fishes)
- MOXOSTOMA Raf.  
 Robins & Raney, 1957 (2): 154 (Tax. & distrib.)  
 Branson & Moore, 1962 (1): 28 (Acoustico-lateralis syst.)
- MOXOSTOMA subgen. SCARTOMYZON  
 Robins & Raney, 1957 (2): 155 (Tax.)
- MOXOSTOMA ARIOMMUM  
 Robins & Raney  
 Robins, 1961 (3): 311.
- MOXOSTOMA AUREOLUM (LeSueur)  
 Robins & Raney, 1957 (2): 154 (distrib.)
- Cross & Metcalf, 1963 (1): 187. (Missouri R. system)
- Riggs & Moore, 1963 (2): 452.
- MOXOSTOMA AUREOLUM  
 PISOLABRUM Trautman & Martin, 1951.  
 Riggs & Moore, 1963 (2): 451.
- MOXOSTOMA BREVICEPS (Cope)  
 —Shorthead Redhorse  
 Riggs & Moore, 1963 (2): 451.  
 Robins & Raney, 1957 (2): 155.
- MOXOSTOMA CARINATUM (Cope)  
 Robins & Raney, 1957 (2): 154 (Distrib.)
- MOXOSTOMA CONGESTUM (Girard)  
 Robins & Raney, 1957 (2): 155 (Tax.)  
 Robinson, 1959 (3): 255 (Lower Rio Grande)
- MOXOSTOMA COREGONUS (Cope)  
 Robins & Raney, 1957 (2): 155.
- MOXOSTOMA DUQUESNEI (LeSueur)  
 —Black Redhorse  
 Smith, 1963 (2): 281. (Pleistocene-SW Kansas).
- MOXOSTOMA ERYTHRURUM (Raf.)  
 —Golden Redhorse Suckers  
 Duwe, 1955 (2): 93 (Gas bladders)  
 Smith, 1963 (2): 254. (E. Illinois)  
 McCleave, 1964 (3): 509.
- MOXOSTOMA HAMILTONI (Raney & Lachner)  
 Robins, 1961 (3): 311.  
 Gilbert, 1961 (4): 456.
- MOXOSTOMA MACROLEPIDOTUM (LeSueur) —Northern Redhorse  
 Robins & Raney, 1957 (2): 155 (Tax.)

- MOXOSTOMA MACROLEPIDOTUM (Continued)  
 Smith, 1963 (2): 255. (E. Illinois)  
 Dymond, 1964 (1): 3.
- MOXOSTOMA MACROLEPIDOTUM DUQUESNEI LeSueur  
 Robins & Raney, 1957 (2): 154 (Distrib.)
- MOXOSTOMA MACROLEPIDOTUM PISOLABRUM (Trautman & Martin, 1951). —Pea lip Shorthead Redhorse  
 Riggs & Moore, 1963 (2): 451 (Okla. & Texas)
- MOXOSTOMA POECILURUM  
 Jordan  
 Fingerman & Suttkus, 1961 (4): 463.
- MOXOSTOMA RHOTHOECUM (Thoburn)  
 Robins, 1961 (3): 311.  
 Gilbert, 1961 (4): 455.
- MOXOSTOMA RUBREQUES Hubbs  
 Robins & Raney, 1957 (2): 154 (Distrib.)
- MOXOSTOMA VALENCIENNESI  
 Jordan  
 Robins & Raney, 1957 (2): 154 (Tax. Distrib.)
- MOXOSTOMA VICTORIAE Girard  
 Robins & Raney, 1957 (2): 154 (Tax.)
- MUGIL Linn.  
 John, 1955 (3): 226 (Key to species)  
 Ebeling, 1957 (3): 173 (dentition-E. Pacific)  
 Norris & Prescott, 1959 (4): 276.  
 Batts, 1964 (4): 670 (Lepidology)
- MUGIL BRASILIENSIS Agassiz  
 Mefford, 1955 (2): 149.
- MUGIL CAPITO (Cuvier)  
 Gunter, 1957 (1): 14 (In fresh water)
- MUGIL CEPHALUS Linn., 1758.  
 —Black or Striped Mullet  
 Mefford, 1955 (2): 149.  
 John, 1955 (3): 226 (India)  
 Gunter, 1957 (1): 13 (In fresh water)  
 Gunter, 1957 (1): 15 (In fresh water)
- Scattergood & Coffin, 1957 (2): 156 (Gulf of Maine)  
 Riggs, 1957 (2): 158 (Okla. & N. Texas).

- MUGIL CEPHALUS** (Continued)  
 Ebeling, 1957 (3): 173 (Dentition)  
 Harrington & Rivas, 1958 (2):  
 129 (Fla.)  
 Arnold & Thompson, 1958 (2):  
 130 (Offshore spawning-  
 Gulf of Mex.)  
 Caldwell & Anderson, 1959 (3):  
 252.  
 Robinson, 1959 (3): 255 (Lower  
 Rio Grande)  
 Boschung & Hemphill, 1960 (1):  
 73. (Inland Ala.)  
 Briggs, 1960 (3): 178 (Circum-  
 tropical)  
 Gosline, 1961 (3): 266 (Caudal  
 skeleton)  
 Ebeling, 1961 (3): 295.  
 Gunter & Ward, 1961 (4): 457  
 (Extreme injuries)  
 Hellier & Hoese, 1962 (2): 453  
 (Schooling Behavior-Texas).  
 Breder, 1962 (2): 460 (Effects of  
 hurricane).  
 Breder, 1962 (3): 663.  
 Tortonese, 1964 (1): 100 (Med.)  
**MUGIL CHARLOTTAE** Steindachner,  
 1902.  
 Ebeling, 1961 (3): 303 (Syn.)  
**MUGIL COERULOMACULATUS**  
 Lac.  
 John, 1955 (3): 228 (Syn.)  
**MUGIL CUNNESIUS**  
 John, 1955 (3): 226 (Syn.)  
**MUGIL CUREMA** Cuv. & Val.,  
 1836. — Silver mullet  
 Gunter, 1957 (1): 14 (In fresh  
 water)  
 Ebeling, 1957 (3): 173  
 (Dentition)  
 Harrington, 1958 (1): 2 (Fla.)  
 Harrington & Rivas, 1958 (2):  
 129 (Fla.)  
 Caldwell & Anderson, 1959 (3):  
 252 (Larvae W. Gulf of  
 Mex.)  
 Branson, McCoy & Sisk, 1960  
 (3): 220 (Sonora, Mex.)  
 Gosline, 1961 (3): 266. (Caudal  
 skeleton)  
 Ebeling, 1961 (3): 295.  
 Breder, 1962 (2): 460 (Effects  
 of hurricane).  
**MUGIL DUSSUMIERI** Cuv. & Val.  
 John, 1955 (3): 227 (India)  
**MUGIL ENGELI** Bleeker  
 John, 1955 (3): 226 (India)
- MUGIL GALAPAGENSIS** Ebeling,  
 1961.  
 Ebeling, 1961 (3): 296  
 (Galapagos Isl.)  
**MUGIL HOSPES** Jordan & Culver,  
 1895.  
 Ebeling, 1957 (3): 174  
 (Dentition)  
 Ebeling, 1961 (3): 295.  
**MUGIL KEELARTHI** Günther  
 John, 1955 (3): 226 (Syn.)  
**MUGIL LIZA** (Cuv. & Val.)  
 Mefford, 1955 (2): 149. (Fla.)  
**MUGIL LONGIMANUS** Günther  
 John, 1955 (3): 226 (India)  
**MUGIL MACROLEPIS** Smith,  
 1846.  
 John, 1955 (3): 228 (Syn.)  
**MUGIL OPHUYSENI** Bleeker  
 John, 1955 (3): 227 (India)  
**MUGIL PERUVIANA** Hildebrand,  
 1946.  
 Ebeling, 1961 (3): 299, 303  
 (Syn.)  
**MUGIL POECILUS** Day, 1865.  
 John, 1955 (3): 227 (India).  
 Nigrelli & McLaughlin, 1958  
 (4): 331 (Histo zoic algae)  
**MUGIL RAMMELSBERGI**  
 Tschudi, 1845.  
 Ebeling, 1957 (3): 173  
 (Dentition)  
 Ebeling, 1961 (3): 296, 303  
 (Syn.).  
**MUGIL SEHELI** Forskål  
 John, 1955 (3): 228 (Syn.)  
 Tortonese, 1964 (1): 103 (Med.).  
**MUGIL SETOSUS** Gilbert, 1891.  
 Ebeling, 1957 (3): 173  
 (Dentition)  
 Ebeling, 1961 (3): 295.  
**MUGIL SMITHII** Günther, 1861.  
 John, 1955 (3): 228 (Syn.)  
**MUGIL SPEIGLERI** Bleeker  
 John, 1955 (3): 227 (India)  
**MUGIL SUBVIRIDIS** Cuv. & Val.  
 John, 1955 (3): 226 (India)  
**MUGIL TADE** Forskål  
 John, 1955 (3): 227 (India)  
**MUGIL TROSCHELI** Bleeker,  
 1858.  
 Nigrelli & McLaughlin, 1958  
 (4): 331 (Histo zoic algae)  
**MUGIL XINGUENSIS** Steindachner  
 Myers, 1960 (1): 67 (Tropics)  
**MUGILIDAE**  
 Myers, 1960 (1): 67.  
 Briggs, 1960 (3): 178.  
 Ebeling, 1961 (3): 295.



MUGILOSTOMA GOBIO

Massmann, 1957 (2): 157 (Syn.)

MULLIDAE

Gosline, 1961 (3): 265 (Caudal skeleton)

MULLOIDICHTHYS AURIFLAMMA (Forskål)

Tortonese, 1964 (1): 101-102. (Med.).

MULLOIDICHTHYS SAMOENSIS (Günther)

Gosline, 1961 (3): 265 (Caudal skeleton)

MULLUS AURATUS Jordan & Gilbert — Northern Goatfish

Mather & Gibbs, 1957 (3): 243 (N. Atl.)

MULLUS BARBATUS Linn.

Tortonese, 1964 (1): 103 (Med.).

MULLUS BARBATUS PONTICUS (Essipov)

Slastenenko, 1955 (3): 233 (Black Sea)

MULLUS SURMULETUS Linn.

Tortonese, 1964 (1): 103, 104 (Med.)

MUPUS IMPERIALIS Cocco.

— Imperial Ruff

Mansueti, 1963 (1): 61 (Symbiosis with jellyfish)

MUPUS MACULATUS (Günther)

— Spotted Ruff.

Mansueti, 1963 (1): 61 (Symbiosis with jellyfish)

Maul, 1964 (1): 93 (Obs. on young)

MUPUS OVALIS (Val.)

Maul, 1964 (1): 93 (Obs. on young)

MUPUS TASMANICA (Whitley)

— Tasmanian Ruff

Mansueti, 1963 (1): 60. (Symbiosis with jellyfish)

MURAENA Günther

Cahn & Shaw, 1962 (1): 110 (Cupulae)

MURAENESOCIDAE

Orton, 1962 (3): 665.

MURAENESOX CINEREUS Forskål

Orton, 1962 (3): 664 (Vertebral count)

MURAENESOX CONICEPS Jordan & Gilbert — Eel.

Orton, 1962 (3): 664 (Vertebral count)

MURAENIDAE

Cahn & Shaw, 1962 (1): 110 (Cupulae)

MUSPERIA Sanders, 1934.

DeBeaufort, 1964 (1): 63 (Paleogene-Sumatra & India).

MUSTELUS Linck

Sharma, 1964 (3): 533.

MUSTELUS CANIS (Mitchill)

— Smooth Dogfish

Norris & Prescott, 1959 (4):

275 (Teeth & jaw)

Branson & Moore, 1962 (1): 7

(Acoustico-lateralis syst.)

Springer & Lowe, 1963 (2): 247.

Gilbert & Oren, 1964 (3): 535 (Nictitans).

MUSTELUS HIGMANI Springer & Lowe.

Springer & Lowe, 1963 (2):

245. (Surinam)

MUSTELUS LUNULATUS Jordan & Gilbert

Springer & Lowe, 1963 (2): 247.

MUSTELUS NORRISI Springer

Springer, 1961 (4): 480 (Tampa Bay, Fla.)

Springer & Lowe, 1963 (2): 247.

MUSTELUS SCHMITTI Springer

Springer & Lowe, 1963 (2):

248. (Brazil, Uruguay, Argentina)

MYCTEROPERCA MICROLEPIS

(Goode & Bean) — Gag

Richards, 1963 (3): 584 (Ches. Bay)

MYCTEROPERCA RUBRA Bloch, 1793.

Tortonese, 1964 (1): 100 (Med.)

MYCTOPHIDAE

Briggs, 1960 (3): 174 (Circum-tropical)

Berry, 1964 (2): 380 (Upper Jaw Bones).

MYCTOPHUM Raf.

— Lanternfishes.

Wisner, 1963 (1): 25. (Tax.)

MYCTOPHUM HUMBOLDTI

(Risso)

Tortonese, 1964 (1): 104.

MYCTOPHUM SELENOPS

Tåning, 1928.

Wisner, 1963 (1): 27. (Tax.)

MYLIOBATIDAE (sic)

Chhappag, 1964 (3): 587.

MYLOBATIDAE

Briggs, 1960 (3): 174.

MYLOCHEILUS CAURINUM

Agassiz — Peamouth Chub  
Northcote & Hartman, 1959 (2): 157 (Br. Col.)

## MYLOCHELUS CAURINUM (Continued)

Patten, 1960 (1): 72 (Wash.)

## MYLOPLUS RHOMBOIDALIS (Cuv., 1818.). — Great Pacu

Myers, 1964 (1): 38.

## MYOXOCEPHALUS BUBALIS

(Euphr.)

Tortonese, 1964 (1): 101 (Med.)

## MYOXOCEPHALUS QUADRICORNIS

(Linn.) — Fourhorn Sculpin

Wohlschlag, 1956 (4): 240

(Alaskan Arctic)

Musacchia, Sullivan &amp; Wilber,

1957 (1): 10 (Liver &amp; muscle lipids, Arctic)

Jacoby, 1961 (4): 473 (Relative growth)

## MYOXOCEPHALUS SCORPIOIDES

(Fabricius)

Gordon &amp; Backus, 1957 (1): 18 (Labrador)

## MYOXOCEPHALUS SCORPIUS

(Linn.)

Kooyman, 1963 (2): 458

(Hemoglobin)

## MYRICHTHYS ACUMINATUS

(Gronow)

Walters, 1955 (2): 146

(Pseudoparasites of fishes)

## MYRIPRISTIS BERNDTI Jordan &amp;

Evermann

Briggs, 1964 (4): 707

(Transpacific shores).

## MYRIPRISTIS JACOBUS Cuv. &amp;

Val.

Winn et al, 1964 (2): 414 (Sounds).

## MYRIPRISTIS MURDJAN (Forskål)

Briggs, 1964 (4): 707

(Transpacific shores)

## MYROPHIS PUNCTATUS Lütken

Breder, 1962 (2): 460 (Effects of hurricane).

## MYSTIDAE

Jayaram, 1956 (4): 248.

## MYSTIUS Gronow.

Mithel, 1964 (4): 677.

## MYSTIUS SEENGHALA (Sykes)

Mithel, 1964 (4): 673 (Cranial nerves)

## MYXINE GARMANI

Strahan, 1962 (4): 801.

## MYXINE GLUTINOSA Linn.

— Hagfish

Strahan, 1959 (2): 165 (Slime production)

Strahan, 1962 (2): 471 (Dilute sea water).

Tortonese, 1964 (1): 101 (Med.).

## MYXINIDAE

Strahan, 1962 (4): 801.

## MYXUS LEPIDOPTERUS Mohr, 1927.

Ebeling, 1961 (3): 303 (Syn.)

## MYXUS NIGER Mohr, 1927.

Ebeling, 1961 (3): 303 (Syn.).

## MYXUS ROBUSTUS Mohr, 1927.

Ebeling, 1961 (3): 303. (Syn.)

## N

## NANSENIA OBLITA (Facciola)

Cohen, 1958 (2): 133-134 (Tax.)

Tortonese, 1964 (1): 101 (Med.).

## NARCINA INDICA Henle

Daiber, 1959 (1): 74.

## NARKE DIPTERYGIA (Schneider)

Daiber, 1959 (1): 74.

## NASO LITURATUS (Schneider)

Randall, 1956 (1): 21.

## NASO UNICORNIS (Forskål)

Randall, 1956 (1): 21.

## NAUCRATES Cuv.

Strasburg &amp; Marr, 1961 (2):

228 (Color phase)

## NAUCRATES DUCTOR (Linn.)

— Pilotfish

Slastenenko, 1955 (3): 233 (Black Sea)

Scattergood &amp; Coffin, 1957 (2):

156 (Gulf of Maine)

Briggs, 1960 (3): 176 (Circum-tropical)

Mansueti, 1963 (1): 58.

(Symbiosis with jellyfish)

Tortonese, 1964 (1): 100 (Med.).

## NAURUA Whitley &amp; Colefax,

1938.

Smith, 1956 (4): 251 (Pacific Ocean)

## NAURUA ADDISI Smith, 1955.

Smith, 1956 (4): 251 (Tax.)

## NAURUA MICROLEPIS Smith, 1955.

Smith, 1956 (4): 251 (Tax. - Aldabra).

## NAURUA WAITEI Whitley &amp; Colefax, 1938.

Smith, 1956 (4): 251 (Tax. - Naurua).

## NAURUA WHITLEYI Smith, 1955.

Smith, 1956 (4): 251 (Tax.)

## NEALOTUS TRIPES Johnson

Voss, 1957 (4): 304 (Bermuda)

## NEDYSTOMA Ogilby

Hubbs &amp; Miller, 1960 (2): 103.

NEENCHELIDAE

Orton, 1964 (2): 444.

NEENCHELYS Bamber

Orton, 1964 (2): 444.

NEGAPRION BREVIROSTRIS

(Poey). — Lemon Shark

Vorenberg, 1962 (2): 455

(Cannibalism-Fla.)

Essapian, 1962 (2): 457

(Behavior in captivity)

Wright & Jackson, 1964 (2): 409

(Conditioning)

NEMACHEILUS Sherborn.

Briggs, 1961 (2): 163 (Tax.)

NEMACHEILUS BARBATULUS

(Linn.)

Branson & Moore, 1962 (1): 86

(Acoustico-lateralis syst.)

NEMACHILUS Günther, 1868.

Briggs, 1961 (2): 163 (Tax.)

NEMACHILUS

Kapoor, 1961 (2): 179 (Sensory  
canals)

NEMAMYXINE Richardson, 1958.

Strahan, 1962 (2): 471.

NEMAMYXINE ELONGATA

Richardson, 1958. — New

Zealand Hag.

Strahan, 1962 (2): 471.

NEMATALOSA Regan

Berry, 1964 (2): 377 (Upper Jaw  
Bones)

NEMATONURUS MACROCEPHALUS

Maul, 1951.

Marshall, 1964 (1): 87.

NEMATOPRORA Gilbert

Böhlke & Cliff, 1956 (2): 96.

NEMICHTHYDAE

Briggs, 1960 (3): 175.

NEMICHTHYS Rich.

Böhlke & Cliff, 1956 (2): 96.

Orton, 1964 (2): 438 (Larvae)

NEMICHTHYS SCOLOPACEUS

Richardson — Common

Snipe-eel.

Briggs, 1960 (3): 175 (Circum-  
tropical)

NEMIPTERUS Swainson

Akazaki, 1961 (4): 437.

NEOCERATODUS Castelnau

Sharma, 1964 (3): 532.

NEOCLINUS BLANCHARDI Girard

Stephens, 1961 (4): 484 (Calif.)

NEOCLINUS BRYOPE (Jordan &

Snyder)

Stephens, 1961 (4): 484 (W. Pacific)

Briggs, 1962 (4): 852 (Okinawa)

NEOCLINUS STEPHENSAE Hubbs

Stephens, 1961 (4): 484 (Calif.)

NEOCLINUS UNINOTATUS Hubbs

Stephens, 1961 (4): 484 (Calif.)

NEOCONGER MUCRONATUS

Girard

Dawson, 1962 (2): 442 (Gulf of  
Mexico).

NEOEPINNULA Matsubara &

Iwai

Grey, 1960 (3): 213 (Tongue

toothless)

NEOEPINNULA ORIENTALIS

Gilchrist & von Bonde

Grey, 1960 (3): 213-214

(Distrib.)

NEOEPINNULA ORIENTALIS

AMERICANA Grey

Grey, 1960 (3): 213-214

(Distrib.)

NEOEPINNULA ORIENTALIS

PACIFICA

Grey, 1960 (3): 213.

NEOGASTROMYZON Popta

Inger & Chin, 1961 (2): 168

(Borneo)

NEOGASTROMYZON

NIEUWENHUISI Popta,

1905.

Inger & Chin, 1961 (2): 175

(Syn.)

NEOMAENIS GRISEUS (Linn.)

Weinreb & Bilstad, 1955 (3):

199.

NEOMENIS NOVEMFASCIATUS

(Gill)

Branson, McCoy & Sisk, 1960

(3): 220 (Sonora, Mex.)

NEOMYXUS CILILABUS (Cuv. &

Val., 1836).

Ebeling, 1961 (3): 303 (Syn.)

NEOSCOPELIDAE

Briggs, 1960 (3): 174.

NEOSCOPELUS MACROLEPI-

DOTUS Johnson.

Briggs, 1960 (3): 174 (Circum-

tropical)

NEOTHUNNUS Kishinouye

Strasburg & Marr, 1961 (2):

228 (Color phase)

NEOTHUMUS MACROPTERUS

(Schlegel) — Yellowfin Tuna

Fast, 1957 (3): 239.

Weisel, 1958 (2): 86 (Pituitary

on frogs)

Strasburg, 1959 (3): 245.

Nakamura, 1962 (3): 504.

NEPTOMENUS CRASSUS Starks

— Cojinoba

Mansueti, 1963 (1): 59.

(Symbiosis with jellyfish)

- NESIARCHUS** Johnson  
 Grey, 1960 (3): 213 (Tongue toothless)
- NESIARCHUS NASUTUS** Johnson  
 Voss, 1957 (4): 304 (Bermuda)  
 Grey, 1960 (3): 212 (Bermuda)
- NESOGGRAMMUS THOMPSONI**  
 Fowler, 1923.  
 Schultz & Springer, 1956 (1): 65 (Syn.)
- NESSORHAMPHUS** Schmidt, 1930.  
 Böhlke & Cliff, 1956 (2): 95.
- NETTASTOMA** Raf.  
 Cahn & Shaw, 1962 (1): 110 (Cupulae).
- NETTASTOMA MELANURUM** Raf.  
 Orton, 1964 (2): 441 (Larvae)
- NETTASTOMIDAE**  
 Cahn & Shaw, 1962 (1): 110 (Cupulae)  
 Orton, 1964 (2): 442.
- NEZUMIA AEQUALIS** (Günther)  
 Marshall, 1964 (1): 87.
- NOCOMIS MICROPOGON** (Cope)  
 —River Chub  
 Miller, 1962 (2): 410.
- NODOGYMNUS** Chabanaud, 1928.  
 Dawson, 1964 (4): 648 (Syn.).
- NODOGYMNUS FASCIATUS** (Günther)  
 Dawson, 1964 (4): 661 (Syn.).
- NODOGYMNUS FASCIATUS**  
 Kritzler, 1951 (non Günther)  
 Dawson, 1964 (4): 658 (Syn.).
- NODOGYMNUS MELUS** Gunter, 1936.  
 Dawson, 1964 (4): 658 (Syn.).
- NODOGYMNUS NICHOLSI** Norman, 1931.  
 Dawson, 1964 (4): 658 (Syn.).
- NODOGYMNUS TEXAE** Gunter, 1936.  
 Dawson, 1964 (4): 651 (Syn.).
- NODOGYMNUS WILLIAMSONI**  
 Gunter, 1936.  
 Dawson, 1964 (4): 658 (Syn.).
- NODOGYMNUS ZEBRINUS** (A. Miranda Ribeiro)  
 Dawson, 1964 (4): 661 (Syn.).
- NOEMACHEILUS** Hasselt, 1823.  
 Briggs, 1961 (2): 163 (Tax.).
- NOMEUS GRONOWI** (Gmelin)  
 —Man-of-war Fish  
 Mansueti, 1963 (1): 61.  
 (Symbiosis with jellyfish)
- NOTELOPS BRAMMA** (Agassiz)  
 Springer, 1957 (2): 139.
- NOTEMIGONUS CRYSOLEUCAS** (Mitchell) —Golden Shiner  
 Odum & Caldwell, 1955 (2): 105 (Respir. in anaerobic spring-Fla.)  
 Smith, 1958 (3): 179 (Pleistocene)  
 Kramer & Smith, 1960 (1): 73 (Nests)  
 Behnke & Wetzel, 1960 (2): 142 (Conn.)  
 Krueger, 1961 (4): 447.  
 Smith, 1963 (2): 254. (E. Illinois)  
 Deacon et al, 1964 (2): 386 (Nev.).
- NOTOGONEUS** Cope  
 DeBeaufort, 1964 (1): 64
- NOTOLYCHNUS VALDIVIAE** (Brauer)  
 Briggs, 1960 (3): 175 (Circum-tropical)
- NOTOPTERUS** Lac.  
 DeBeaufort, 1964 (1): 64.  
 Sharma, 1964 (3): 530.
- NOTOPTERUS CHITALA** (Ham.-Buch., 1822)  
 Sharma, 1964 (3): 530 (Lateral-line system).
- NOTOSCOPELUS** Günther  
 Wisner, 1963 (1): 24. (Tax.)
- NOTOSCOPELUS RESPLENDENS** (Richardson)  
 Briggs, 1960 (3): 174 (Circum-tropical)
- NOTOTHENIA** Rich.  
 DeWitt, 1962 (4): 827.  
 DeWitt, 1964 (4): 683, 686.
- NOTOTHENIA CORIICEPS** Rich.  
 DeWitt, 1964 (4): 683.
- NOTOTHENIIDAE**  
 DeWitt, 1962 (3): 657.  
 DeWitt, 1962 (4): 827.  
 DeWitt, 1964 (4): 683.
- NOTROPIS** Raf.  
 Gibbs, 1957 (3): 185 (Systematic status)  
 Minckley & Craddock, 1962 (2): 374.  
 Bailey & Uyeno, 1964 (1): 238.
- NOTROPIS ALTIPINNIS** (Cope)  
 Gilbert, 1961 (4): 455.
- NOTROPIS AMABILIS** (Girard)  
 Robinson, 1959 (3): 255 (Lower Rio Grande)  
 Gilbert & Bailey, 1962 (4): 818.
- NOTROPIS AMNIS** Hubbs & Greene  
 Gilbert & Bailey, 1962 (4): 807.

- NOTROPIS AMOENUS (Abbott)  
 Gilbert, 1961 (4): 451.  
 Gilbert & Bailey, 1962 (4): 817.
- NOTROPIS ANALOSTANUS (Girard)  
 Gibbs, 1963 (3): 513, 520 (Tax.)
- NOTROPIS ANALOSTANUS  
 ANALOSTANUS (Girard, 1859)  
 Gibbs, 1963 (3): 520 (Tax.)
- NOTROPIS ANALOSTANUS  
 CHLORISTUIS (Jordan &  
 Brayton, 1878) —Greenfin  
 Shiner.  
 Gibbs, 1957 (3): 187 (Tax.)  
 Gibbs, 1963 (3): 522 (Tax.)
- NOTROPIS ANOGENUS Forbes,  
 1885. —Pugnose Shiner  
 Bailey, 1959 (2): 119 (Distrib. -  
 Iowa, Ill., Ohio.)  
 Smith & Bridges, 1960 (3): 253  
 (Type).
- NOTROPIS ARIOMMUS (Cope)  
 Gilbert & Bailey, 1962 (4): 818.
- NOTROPIS ATHERINOIDES Raf.  
 —Emerald Shiner  
 Hecht & Walters, 1955 (3): 252  
 (Canada)  
 Eddy & Underhill, 1959 (4): 342.  
 Krueger, 1961 (4): 447.  
 Gilbert & Bailey, 1962 (4): 815.  
 Verheijen, 1963 (1): 175 (Alarm  
 Substance)
- NOTROPIS BIFRENATUS (Cope)  
 —Bridled shiner  
 Harrington, 1955 (4): 267  
 (Osteocranium)  
 Turner, 1957 (3): 196.  
 Bailey, 1959 (2): 120.  
 Behnke & Wetzal, 1960 (2): 142  
 (Conn.)  
 Krueger, 1961 (4): 449.  
 Saksena, 1962 (3): 543.
- NOTROPIS BLENNIUS (Girard)  
 Suttkus, 1958 (4): 317 (Tax.)  
 Gilbert, 1961 (4): 455.  
 Gilbert & Bailey, 1962 (4): 807.  
 Zahuranec, 1962 (4): 843 (SE.  
 Ohio)
- NOTROPIS BLENNIUS JEJUNUS  
 (Forbes)  
 Smith & Bridges, 1960 (3): 253  
 (Ill.)
- NOTROPIS BOOPS Hubbs &  
 Ortenburger, 1929.  
 Gilbert & Bailey, 1962 (4): 808-  
 809.
- NOTROPIS BRAYTONI Jordon &  
 Evermann.  
 Hubbs & Hubbs, 1958 (4): 298.

- NOTROPIS BRAYTONI (Continued)  
 Robinson, 1959 (3): 255 (Lower  
 Rio Grande)
- NOTROPIS BRAZOSSENSIS Hubbs  
 & Bonham, 1951.  
 Gilbert & Bailey, 1962 (4): 809.  
 (Syn.).
- NOTROPIS BUCHANANI Meek  
 Hubbs & Hubbs, 1958 (4): 301.  
 Robinson, 1959 (3): 255 (Lower  
 Rio Grande)  
 Gilbert & Bailey, 1962 (4): 807.
- NOTROPIS CAERULEUS  
 Gibbs, 1957 (3): 187 (Tax.)
- NOTROPIS CALLISEMA  
 Gibbs, 1957 (3): 187 (Tax.)
- NOTROPIS CALLISTIUS  
 Gibbs, 1957 (3): 187 (Tax.)
- NOTROPIS CALLITAENIA  
 Bailey & Gibbs, 1956.  
 Gibbs, 1957 (3): 187 (Tax.)
- NOTROPIS CAMURUS Jordan &  
 Meek  
 Gibbs, 1957 (3): 187 (Tax.)
- NOTROPIS CERASINUS (Cope)  
 Miller, 1962 (2): 408.
- NOTROPIS CHALYBAEUS (Cope)  
 Saksena, 1962 (3): 543.
- NOTROPIS CHAMBERLAINI  
 Evermann, in Jordan &  
 Evermann, 1898.  
 Gilbert & Bailey, 1962 (4): 809  
 (Syn.).
- NOTROPIS CHILHUAHUA  
 Woolman  
 Hubbs & Hubbs, 1958 (4): 300.
- NOTROPIS CHLORISTIUS  
 (Jordan & Brayton, 1878)  
 Gibbs, 1963 (3): 521, 522  
 (Syn.)
- NOTROPIS CHRYSOCEPHALUS  
 CHRYSOCEPHALUS (Raf.)  
 Gilbert, 1961 (2): 181  
 (Hybridization & Integrada-  
 tion)  
 Smith, 1963 (2): 254. (E.  
 Illinois)
- NOTROPIS CHRYSOCEPHALUS X  
 N. RUBELLUS  
 Gilbert, 1961 (2): 183  
 (Hybridization)
- NOTROPIS CORNUTUS (Mitchill)  
 —Common shiner  
 Gibbs, 1957 (3): 188 (Tax.)  
 Behnke & Wetzal, 1960 (2): 142  
 (Conn.)  
 Hubbs, 1960 (1): 1.  
 Hunter & Wisby, 1961 (1): 115.

- NOTROPIS CORNUTUS** (Continued)  
 Gilbert, 1961 (2): 181  
 (Hybridization versus  
 Integradation)  
 Miller, 1962 (2): 410.  
 Miller, 1962 (2): 450 (Hybrids).  
 Verheijen, 1963 (1): 175 (Alarm  
 substance)  
 Knapp et al, 1963 (2): 455 (Md.)  
**NOTROPIS CORNUTUS**  
**CHRYSOCEPHALUS** — Central  
 Common Shiner  
 Pfeiffer, 1955 (2): 96.  
 Reed, 1955 (3): 240 (Trematode  
 parasite)  
**NOTROPIS CORNUTUS FRONTALIS**  
 (Agassiz)  
 Gilbert, 1961 (2): 181.  
**NOTROPIS DELICIOSUS** (Girard)  
 Suttkus, 1958 (4): 310 (Tax.)  
 Suttkus, 1959 (1): 7 (Syn.)  
**NOTROPIS DELICIOSUS**  
**MISSURIENSIS** (Cope)  
 — Plains Sand Shiner  
 Personius & Eddy, 1955 (1): 42  
 (Little Missouri R.)  
**NOTROPIS CORNUTUS X N.**  
**RUBELLUS**  
 Gilbert, 1961 (2): 183 (Hybridiza-  
 tion)  
 Miller, 1962 (2): 450 (Sexual  
 devel. & Hermaphroditism)  
**NOTROPIS DELICIOSUS STRAMINEUS**  
 (Cope)  
 Pfeiffer, 1955 (2): 96. (NY)  
**NOTROPIS DORSALIS** (Agassiz)  
 — Bigmouth Shiner  
 Smith, 1963 (2): 254. (E. Illinois)  
**NOTROPIS GALACTURUS** (Cope)  
 Gibbs, 1957 (3): 187 (Tax.)  
 Kuehne & Bailey, 1961 (1): 7.  
 Branson, 1962 (3): 537.  
 Gibbs, 1963 (3): 514 (Tax.)  
**NOTROPIS HETERODON** (Cope)  
 — Blackchin Shiner  
 Bailey, 1959 (2): 119.  
 Smith & Bridges, 1960 (3): 253.  
**NOTROPIS HUDSONIUS** (Clinton)  
 — Spottail Shiner.  
 Hecht & Walters, 1955 (3): 252  
 (Canada)  
 Behnke & Wetzel, 1960 (2): 142  
 (Conn.)  
 Edsall, 1964 (1): 227 (Predation on  
 eggs).  
**NOTROPIS ILLECEBROSUS** (Girard)  
 Gilbert & Bailey, 1962 (4): 807-  
 808 (Syn.)  
 Gibbs, 1963 (3): 513.
- NOTROPIS JEJUNUS** (Forbes)  
 Zahuranec, 1962 (4): 843.  
**NOTROPIS JEMEZANUS**  
 Robinson, 1959 (3): 255 (Lower  
 Rio Grande)  
 Gilbert & Bailey, 1962 (4): 817.  
**NOTROPIS KANAWHA** Jordan &  
 Jenkins, in Jordan, 1888.  
 Bailey & Gilbert, 1960 (4): 354  
 (Interspecific hybrid)  
**NOTROPIS LEEDSI**  
 Gibbs, 1957 (3): 187 (Tax.)  
**NOTROPIS LUTRENSIS** (Baird &  
 Girard) — Redfin Shiner,  
 Red Shiner.  
 Hubbs, 1958 (1): 58 (hybrids)  
 Robinson, 1959 (3): 255 (Lower  
 Rio Grande)  
 Eddy & Underhill, 1959 (4): 342.  
 Gilbert, 1961 (2): 183  
 (Hybridization)  
 Saksena, 1962 (3): 539 (Post-  
 hatching stages)  
 Delco, Jr. & Beyers, 1963 (1):  
 176. (Reduced metabolism)  
 Smith, 1963 (2): 254. (E.  
 Illinois)  
 Bailey & Uyeno, 1964 (1): 238.  
**NOTROPIS LYTHRURUS** Jordan  
 Gibbs, 1957 (3): 188 (Tax.)  
**NOTROPIS MEGALEPIS** Smith,  
 1962. — Minnow  
 Smith, 1962 (3): 511 (Pliocene-  
 Kansas).  
**NOTROPIS NIVEUS** (Cope)  
 Gibbs, 1957 (3): 188 (Tax.)  
 Gibbs, 1963 (3): 521 (Syn.)  
**NOTROPIS NIVEUS CHLORISTUIS**  
 (Jordan & Brayton, 1878).  
 Gibbs, 1963 (3): 522 (Syn.)  
**NOTROPIS NUX** Evermann, 1891  
 (1892).  
 Suttkus, 1958 (4): 308, 316  
 (Syn.)  
**NOTROPIS ORNATUS** (Girard)  
 Gibbs, 1957 (3): 185.  
 Hubbs & Hubbs, 1958 (4): 300.  
**NOTROPIS ORTENBURGERI**  
 Hubbs  
 Bailey, 1959 (2): 120.  
**NOTROPIS OXYRHYNCHUS** Hubbs  
 & Bonham  
 Gilbert & Bailey, 1962 (4): 817.  
**NOTROPIS PERCOBROMUS** (Cope)  
 — Plains shiner  
 Eddy & Underhill, 1959 (4): 342.  
 Gilbert & Bailey, 1962 (4): 817.



NOTROPIS PERPALLIDUS Hubbs  
& Black  
Gilbert & Bailey, 1962 (4): 818.  
NOTROPIS PHENACOBUI Forbes,  
1885.  
Suttkus, 1958 (4): 313 (Syn.)  
NOTROPIS PHOTOGENIS (Cope)  
Gilbert, 1961 (4): 455.  
Gilbert & Bailey, 1962 (4): 818.  
NOTROPIS PILSBRYI Fowler  
Branson, 1962 (3): 533 (Nuptial  
tubercles).  
NOTROPIS PROCNE PROCNE  
(Cope)  
Knapp et al, 1963 (2): 455 (Md.)  
NOTROPIS PROSERPINUS (Girard)  
Hubbs & Hubbs, 1958 (4): 306.  
Robinson, 1959 (3): 255 (Lower  
Rio Grande)  
NOTROPIS PYRRHOMELAS (Cope)  
Gibbs, 1957 (3): 188 (Tax.)  
Gibbs, 1963 (3): 522.  
NOTROPIS RETICULATUS Eigenm.  
& Eigenm., 1893.  
Suttkus, 1958 (4): 315 (Syn.)  
NOTROPIS ROBUSTUS Meek  
Hubbs & Hubbs, 1958 (4): 300  
(Syn.)  
NOTROPIS ROSEUS (Jordan)  
Suttkus, 1958 (4): 310.  
NOTROPIS RUBELLUS (Agassiz)  
—Rosyface Shiner  
Pfeiffer, 1955 (2): 95 (Life  
history)  
Reed, 1955 (3): 240 (Pa.-  
trematode parasite)  
Reed, 1957 (3): 250 (Prolonged  
spawning-N. Pa)  
Reed, 1957 (4): 286 (Life hist.,  
NW. Pa)  
Reed, 1958 (4): 325 (Early life  
Hist.-Pa.)  
Hubbs, 1960 (1): 1.  
Bailey & Gilbert, 1960 (4): 354.  
Gilbert, 1961 (4): 455.  
Miller, 1962 (2): 408.  
Miller, 1962 (2): 450 (hybrids)  
Branson, 1962 (3): 534 (Nuptial  
tubercles)  
Saksena, 1962 (3): 543.  
Gilbert & Bailey, 1962 (4): 817.  
Verheijen, 1963 (1): 175. (Alarm  
substance)  
NOTROPIS RUBELLUS X N.  
CORNUTUS  
Pfeiffer, 1955 (2): 99.  
Reed, 1955 (3): 240 (Trematode  
parasite)  
Hubbs, 1960 (1): 1.

NOTROPIS RUBELLUS X N.  
VOLUCELLUS  
Bailey & Gilbert, 1960 (4): 357  
(N. kanawha)  
NOTROPIS RUTILUS (Girard)  
Hubbs & Hubbs, 1958 (4): 306.  
NOTROPIS SALADONIS Hubbs  
& Hubbs, 1958. —Salado  
Shiner  
Hubbs & Hubbs, 1958 (4): 297  
(NE Mexico)  
NOTROPIS SCABRICEPS (Cope)  
Bailey & Gilbert, 1960 (4): 354.  
NOTROPIS SCEPTICUS (Jordan &  
Gilbert)  
Gilbert, 1961 (4): 451.  
Gilbert & Bailey, 1962 (4): 818.  
NOTROPIS SEMPERASPER  
Gilbert, 1961. —Roughhead  
shiner.  
Gilbert, 1961 (4): 451 (Va.)  
NOTROPIS SHUMARDI (Girard)  
—Silverband Shiner  
Gilbert & Bailey, 1962 (4):  
807-808. (Syn., Characters  
& Distr.)  
NOTROPIS SPILOPTERUS  
SPILOPTERUS —Spotfin  
Shiner  
Verheijen, 1963 (1): 175.  
(Alarm substance)  
Smith, 1963 (2): 255. (E.  
Illinois)  
Gibbs, 1963 (3): 511 (Tax.)  
NOTROPIS STILBIUS (Jordan)  
Gilbert & Bailey, 1962 (4): 818.  
NOTROPIS STRAMINEUS (Cope)  
—Sand Shiner  
Hubbs & Hubbs, 1958 (4): 300.  
Suttkus, 1958 (4): 313 (Tax.)  
Suttkus, 1959 (1): 7.  
Gilbert, 1961 (4): 455.  
Smith, 1963 (2): 254. (E.  
Illinois)  
NOTROPIS TEXANUS (Girard,  
1856)  
Suttkus, 1958 (4): 308, 310,  
316 (Tax.)  
NOTROPIS TOPEKA Gilbert  
—Topeka Shiner  
Bailey, 1959 (2): 120.  
Eddy & Underhill, 1959 (4): 342.  
NOTROPIS TRICHOISTIUS  
Gibbs, 1957 (3): 187 (Tax.)  
NOTROPIS UMBRATILIS  
(Copeland) —Redfin Shiner  
Eddy & Underhill, 1959 (4): 342.  
Smith, 1963 (2): 254. (E.  
Illinois)

- NOTROPIS UMBRATILIS  
CYANOCEPHALUS (Copeland)  
—Northern Redfin Shiner  
Reed, 1955 (3): 240 (Trematode  
parasite)  
Hunter & Wisby, 1961 (1): 113  
(Nest)
- NOTROPIS URANOSCOPUS Suttkus,  
1959. —Skygazer Shiner  
Suttkus, 1959 (1): 7 (Ala.)
- NOTROPIS VENUSTUS (Girard)  
—Blacktail Shiner  
Gibbs, 1957 (3): 187 (Tax.)  
Hubbs, 1958 (1): 58 (Hybrids)  
Suttkus, 1958 (4): 309 (Tax.)  
Robinson, 1959 (3): 255 (Lower  
Rio Grande)  
Gilbert, 1961 (2): 183  
(Hybridization)  
Delco, Jr. & Beyers, 1963 (1):  
176. (Reduced metabolism)
- NOTROPIS VOLUCELLUS (Cope)  
Hubbs & Hubbs, 1958 (4): 301.  
Suttkus, 1958 (4): 308 (Tax.)  
Bailey & Gilbert, 1960 (4): 354.  
Gilbert, 1961 (4): 455.
- NOTROPIS VOLUCELLUS  
NOCOMIS (Jordan & Gilbert)  
Hubbs & Hubbs, 1958 (4): 302.  
Suttkus, 1958 (4): 310.
- NOTROPIS VOLUCELLUS  
WICKLIFFI Trautman  
—Channel Mimic Shiner  
Hubbs & Hubbs, 1958 (4): 301.
- NOTROPIS WHIPPLEI (Girard,  
1856) —Steelcolor Shiner.  
Gibbs, 1957 (3): 188 (Tax.)  
Smith, 1963 (2): 254 (E. Ill.)  
Gibbs, 1963 (3): 511 (Tax.)  
Gibbs, 1963 (3): 513 (Syn.)  
Branson, 1962 (3): 537.
- NOTROPIS WHIPLII ANALOSTANUS  
(Girard, 1859)  
Gibbs, 1963 (3): 521 (Syn.)
- NOTROPIS WHIPLII WHIPLII  
Girard  
Gibbs, 1963 (3): 513 (Tax.)
- NOTROPIS XAENOCEPHALUS  
Jordan, 1876.  
Suttkus, 1958 (4): 317 (Tax.)
- NOTROPIS XAENURUS  
Gibbs, 1957 (3): 187 (Tax.)
- NOTURUS Raf.  
Uyeno & Miller, 1962 (2): 340.
- NOTURUS EXILIS Nelson  
—Slender Madtom  
Stegman & Minckley, 1959 (4):  
341 (Ill. -in gravel)
- NOTURUS EXILIS (Continued)  
Eddy & Underhill, 1959 (4): 342  
(Minn.)
- NOTURUS FLAVUS (Raf.)  
—Stonecat  
Personius & Eddy, 1955 (1):  
(Little Missouri R.)
- NOTURUS GILBERTI Jordan &  
Evermann  
Robins, 1961 (3): 311.
- NOTURUS GYRINUS Mitchell  
—Tadpole Madtom  
Behnke & Wetzel, 1960 (2): 141  
(Mass., N. Y.)  
Smith, 1963 (2): 254. (E.  
Illinois)
- NOTURUS INSIGNIS (Richardson)  
—Common Eastern Madtom  
Clugston & Cooper, 1960 (1):  
9 (Growth-Cent. Pa.)
- NOTURUS MIURUS Jordan  
—Madtom  
Eddy & Underhill, 1959 (4): 343
- NOVUMBRA HUBBSI Schultz  
—Western Mudminnow.  
Fitzgerald, 1957 (3): 248  
(Wash.)
- NYSTACTES Böhlke, 1957  
Böhlke, 1958 (1): 59  
(Preoccupied)
- NYSTACTICHTHYS Böhlke, 1958  
Bohlke, 1958 (1): 59 (substitute  
name for Nystactes, 1957)
- NYSTACTICHTHYS HALIS  
(Böhlke)  
Böhlke, 1958 (1): 59.
- 
- OCCA VERRUCOSA (Lockington)  
—Warty Poucher.  
Dryfoos, 1961 (4): 477 (NE.  
Pacific)
- ODONDEBUENIA DeBuen, 1930.  
Tortonese, 1964 (1): 101 (Med.).
- ODONDEBUENIA BALEARICA  
(Pell. & Fage)  
Tortonese, 1964 (1): 101 (Med.).
- ODONDEBUENIA PRUVOTI  
(Fage)  
Tortonese, 1964 (1): 101 (Med.).
- ODONTASPIS FEROX Rizzo  
Tortonese, 1964 (1): 101 (Med.).
- ODONTASPIS TAURUS (Raf.)  
Tortonese, 1964 (1): 100 (Med.).
- ODONTOMACRURUS Norman,  
1939.  
Marshall, 1964 (1): 88.

ODONTOMACRURUS MURRAYI

Norman, 1939.

Marshall, 1964 (1): 88 (Arabian Sea).

OGCOCEPHALIDAE

Hubbs, 1958 (3): 161.

OGCOCEPHALUS FISCHER, 1813.

Hubbs, 1958 (3): 161 (Also spelled Oncocephalus)

Briggs, 1961 (2): 163 (Tax.)

OGCOCEPHALUS DARWINI Hubbs, 1958. — Batfish

Hubbs, 1958 (3): 161 (Galapagos Isl.)

OGCOCEPHALUS PORRECTUS

Garman

Hubbs, 1958 (3): 161.

OLIGOCOTTUS MACULOSUS

Girard

Krejsa, 1964 (2): 448 (B.C.).

OLIGOCOTTUS RUBELLIO

Fink & Haydon, 1960 (4): 319 (Sperm morphology-Calif.)

OLIGOCOTTUS SNYDERI Greeley

Fink & Haydon, 1960 (4): 319 (Sperm morphology)

OLIGOPLITES MUNDUS Jordan & Starks

Miller, 1958 (3): 237 (Mex.)

OLIGOPLITES SAURUS (Bloch & Schneider)

Gunter & Hall, 1963 (3): 597 (Fla.)

Anderson, 1964 (1): 243 (S.C.)

OMOBRANCHUS SWAINSON, 1839.

Springer, 1963 (2): 453 (Tax.)

OMOBRANCHUS DASSON (Jordan & Snyder, 1902).

Springer, 1963 (2): 453 (Locality & tax.)

OMOBRANCHUS JAPONICUS (Bleeker)

Springer, 1963 (2): 453 (Tax.)

OMOBRANCHUS JAPONICUS

SCALATUS J LB Smith, 1959.

Springer, 1963 (2): 453 (Syn.)

OMOCHELYS CRUENTIFER (Goode & Bean) — Snake-eel

Walters, 1955 (2): 146 (Syn.)

Scott & Crossman, 1959 (4): 344 (Canada)

ONCHOPRISTIS Stromer, 1917.

McNulty & Slaughter, 1962 (4): 775.

ONCHOPRISTIS DUNKLEI McNulty & Slaughter, 1962.

McNulty & Slaughter, 1962 (4): 775 (Cretaceous - Texas)

ONCHOPRISTIS NUMIDUS (Haug)

McNulty & Slaughter, 1962 (4): 775.

ONCOCEPHALIDAE

— Batfishes

Briggs, 1961 (2): 163.

ONCOCEPHALUS GILL.

Briggs, 1961 (2): 163 (Tax.)

ONCORHYNCHUS SUCKLEY

— Pacific Salmon.

Branson & Moore, 1962 (1): 63 (Acoustico-lateralis syst.)

Dymond, 1964 (1): 10, 17 (Canada).

Batts, 1964 (4): 670 (Lepidology)

ONCORHYNCHUS GORBUSCHA (Walbaum) — Pink Salmon

Skud, 1955 (3): 204 (Alaska-spawning migration)

Roppel, 1956 (2): 110 (Peak hours of migration-Alaska)

Wohlschlag, 1956 (4): 240.

Skud, 1958 (3): 170 (Size & Migration)

Bright, 1960 (2): 145 (Alaska)

Behnke, Koh & Needham, 1962 (2): 404 ("Pallas")

ONCORHYNCHUS ISHIKAWAE

Jordan & McGregor, 1925.

Behnke, Koh & Needham, 1962 (2): 405.

ONCORHYNCHUS KENNERLYI Suckley

Dymond, 1964 (1): 18.

ONCORHYNCHUS KETA (Walbaum) — Chum Salmon

Roppel, 1956 (2): 110 (Alaska-peak hours migration)

Wohlschlag, 1956 (4): 240.

Bright, 1960 (2): 145 (Alaska)

ONCORHYNCHUS KISUTCH

(Walbaum) — Silver Salmon

Aron, 1958 (2): 106

(Spermatozoa)

Behnke, Koh & Needham, 1962 (2): 405.

ONCORHYNCHUS MASOU (Brevoort)

Behnke, Koh & Needham, 1962(2): 400 (Status - Formosa).

ONCORHYNCHUS MASOU FORMOSANUS (Jordan & Oshima)

Behnke, Koh & Needham, 1962(2): 402.

ONCORHYNCHUS MASOU MASOU (Brevoort)

Behnke, Koh & Needham, 1962(2): 404.

ONCORHYNCHUS MASOU RHODURUS (Jordan & McGregor)

Behnke, Koh & Needham, 1962(2): 405.

## ONCORHYNCHUS NERKA

(Walbaum)—Kokanee, Sockeye Salmon.

Lindsey, 1958(2): 136 (Meristic char. by light duration)

Thompson, 1959(4): 345.

Behnke & Wetzel, 1960(2): 142 (Conn.)

Bright, 1960(2): 145 (Alaska)

Lewis, 1961(1): 116 (No dorsal fin)

Sindermann & Honey, 1963(3): 534. (Hemoglobins)

Dymond, 1964(1): 20 (Canada).

Hartman, Merrell & Painter, 1964(2): 362 (Mass spawning - Alaska).

## ONCORHYNCHUS NERKA KENNERLYI (Suckley)—Kokanee

Kimsey, 1955(1): 51 (Post-spawning behavior - Calif.)

Dymond, 1964(1): 20 (Canada).

## ONCORHYNCHUS PERRYI (Brevoort)

Behnke, Koh & Needham, 1962(2): 404.

## ONCHORHYNCHUS RHODURUS

Jordan & McGregor

Behnke, Koh & Needham, 1962(2): 400 (S. Japan).

## ONCORHYNCHUS TSCHAWYTSCHA

(Walbaum)—Chinook Salmon

Aron, 1958(2): 110 (Hybrids)

Behnke, Koh & Needham, 1962(2): 404.

Nursall, 1963(2): 458 (Hypurapophysis)

## ONCORHYNCHUS YESSOENSIS

Hilgendorf, 1876.

Behnke, Koh & Needham, 1962(2): 404.

## ONEIRODES Bertelsen, 1951.

Grey, 1956(4): 245.

## ONEIRODES ACANTHIAS (Gilbert)

Fast, 1957(3): 238.

## ONEIRODES BRADBURYAE

Grey, 1956.

Grey, 1956(4): 245, fig. 2. (Gulf of Mexico)

## ONEIRODIDAE

Grey, 1956(4): 245.

Fast, 1957(3): 238.

## ONOS VULGARIS (Yarrell)

Hubbs, 1955(1): 50 (Tax.)

## OPEATOGENYS Briggs, 1955.

Briggs, 1957(3): 205 (Tax.)

## OPEATOGENYS CADENATI Briggs

Briggs, 1957(3): 206 (Senegal)

## OPEATOGENYS GRACILIS

(Canestrini, 1864)

Briggs, 1957(3): 207.

## OPHICEPHALIDAE

Kapoor, 1961(2): 176.

Qayyum & Qasim, 1962(2): 465.

## OPHICEPHALUS Bloch, 1793.

Briggs, 1961(2): 163 (Tax.)

Hewitt et al, 1963(2): 296

(Muscle proteins).

## OPHICEPHALUS GACHUA Ham.

Qayyum & Qasim, 1962(2): 465.

## OPHICEPHALUS MARULIUS Ham.

Qayyum & Qasim, 1962(2): 465.

## OPHICEPHALUS PUNCTATUS

Bloch—Indian Murrel.

Das & Saxena, 1956(2): 107.

Kapoor, 1961(2): 176 (Sensory Canals).

Qayyum & Qasim, 1962(2): 465 (Spawning habits).

Kapoor, 1962(4): 854 (Latero-sensory canal bones).

Yapchiongco, 1963(4): 701.

## OPHICHEPHALUS STRIATUS Bloch

—Murrell, Snakehead

Das & Saxena, 1956(2): 100 (Circulation of blood)

Qayyum & Qasim, 1962(2): 465.

Yapchiongco, 1963(4): 700 (Spawning habits - oviparous).

## OPHICHTHUS Ahl, 1789.

Briggs, 1961(2): 164 (Tax.)

## OPHICHTHUS APICALIS (Bennett)

Walters, 1955(2): 146

(Pseudoparasites of fishes)

## OPHICHTHUS GOMESI (Castelnau)

—Snake-eel

Backus, 1957(1): 61 (N. Atlantic)

## OPHICHTHUS OCELLATUS

(LeSueur)

Walters, 1955(2): 146 (Parasitism).  
Walters, 1957(4): 286.

## OPHICHTHIDAE

Briggs, 1961(2): 164 (Tax.)

Cahn & Shaw, 1962(1): 110 (Cupulae)

Orton, 1962(3): 665.

## OPHICHTHYS Swainson, 1839.

Walters, 1955(2): 146 (Parasitism)  
Briggs, 1961(2): 164 (Tax.)

Cahn & Shaw, 1962(1): 110

(Cupulae).

## OPHICHTHYS FRONTALIS Garman

—Eel.

Orton, 1962(3): 664 (Vertebral count).

## OPHICHTHYS GOMESI Castelnau

—Eel.

Orton, 1962(3): 664 (Vertebral count).

OPHICHTHYS OCELLATUS LeSueur  
—Eel.

Orton, 1962(3): 664 (Vertebral  
count)

OPHIDIIDAE

Robins, 1961(2): 212.

Cohen, 1961(3): 288.

Cahn & Shaw, 1962(1): 110  
(Cupulae)

Robins, 1962(3): 487.

OPHIDION Linn.

Cahn & Shaw, 1962(1): 110  
(Cupulae)

OPHIDIUM BARBATUM Müll.

—Cusk-eel.

Orton, 1955(3): 214 (Egg clusters)

OPHIDIUM VASSALLI Risso

—Cusk-eel.

Orton, 1955(3): 214 (Egg clusters)

OPHIOBLENNIUS Gill, 1860.

Springer, 1962(2): 426 (Review of  
genus)

OPHIOBLENNIUS ATLANTICUS

ATLANTICUS (Val.)

Springer, 1962(2): 428, 432 (Tax.)

OPHIOBLENNIUS ATLANTICUS

MACCLUREI (Silvester, 1915)

Springer, 1962(2): 432 (Tax.)

OPHIOBLENNIUS ERYTHRAEUS

Fowler, 1944.

Springer, 1962(2): 428 (Syn. -  
Panama)

OPHIOBLENNIUS FEROX Beebe &

Tee Van., 1928.

Springer, 1962(2): 433 (Syn. - Haiti)

OPHIOBLENNIUS LANIERI Seale, 1940.

Springer, 1962(2): 428 (Syn. -  
Galapagos Isl.)

OPHIOBLENNIUS PINCHOTI Fowler,  
1932.

Springer, 1962(2): 428 (Syn. -  
Galapagos Isl.)

OPHIOBLENNIUS STEINDACHNERI

CLIPPERTONENSIS Springer,  
1962.

Springer, 1962(2): 431 (Clipperton  
Isl., E. Pac. O.)

OPHIOBLENNIUS STEINDACHNERI

STEINDACHNERI Jordan &  
Evermann, 1896 —Blenny.

Norris & Prescott, 1959(4): 276.  
Springer, 1962(2): 428 (Tax.)

OPHIOBLENNIUS TRINITATIS Ribeiro,  
1919.

Springer, 1962(2): 432 (Syn. -  
Brazil)

OPHIOBLENNIUS WATSONI Reid, 1943.

Springer, 1962(2): 433 (Syn. - Haiti)

OPHIOCEPHALUS Ham. - Buch.,  
1822.

Briggs, 1961(2): 163 (Tax.)

OPHIODON ELONGATUS Girard

—Lingcod.

Williams, 1959(1): 19 (Egg-count)

OPHISOMA BALEARICUM De La Roche  
(Gilbert, 1891)

Rosenblatt, 1958(1): 54 (Syn.)

OPISTHOGNATHIDAE

Briggs, 1961(2): 164 (Tax.)

OPISTHOGNATHUS Val., in Cuv. &  
Val., 1836.

Briggs, 1961(2): 164 (Tax.)

OPISTHOGNATHUS Cuv., 1817.

Briggs, 1961(2): 164 (Tax.)

OPECTOGNATHUS Troschel, 1841.

Briggs, 1961(2): 164 (Tax.)

OPLEGNATHUS Richardson, 1840.

Briggs, 1961(2): 164 (Tax.)

OPSANUS Raf.

Cahn & Shaw, 1962(1): 111  
(Cupulae)

OPSANUS TAU (Linn.) —Toadfish.

Kooyman, 1963(2): 458 (Hemo-  
globin)

Winn et al, 1964(2): 414 (Sounds)

Engel & Davis, 1964(3): 586 (Rel.  
between activity & blood  
comp.)

OPSOPOEODUS EMILIAE Hay

—Pugnose Minnow.

Bailey, 1959(2): 119.

Eddy & Underhill, 1959(4): 342.

Smith, 1963(2): 255 (E. Ill.)

Anderson, 1964(1): 243 (S. C.)

ORECTOLOBIDAE

Gilbert & Oren, 1964(3): 534 (No  
nictitans)

OREGONICHTHYS Hubbs in Schultz,  
1929.

Schultz & Hubbs, 1961(4): 477  
(Tax.)

OREGONICHTHYS CRAMERI

(Snyder)

Schultz & Hubbs, 1961(4): 477  
(Tax.)

OREGONICHTHYS CUMINGII

(Günther)

Schultz & Hubbs, 1961(4): 477  
(Tax.)

ORESTIAS CUVIERI Cuv. & Val.

Kosswig, 1963(2): 239-240  
(Speculation)

ORTHODON MICROLEPIDOTUS

(Ayres)

Branson & Moore, 1926(1): 26  
(Acoustico-lateralis syst.)

- ORTHONOPIAS TRIACIS Starks  
 & Mann.  
 Orton, 1955(2): 144 (Color  
 variation of eggs)  
 ORTHOPHALLUS Rivas  
 —(Gambusia subgenus)  
 Rivas, 1963(2): 331, 333, 339.  
 (Type: Gambusia  
 lemaitrei Fowler)  
 ORTHOPRISTIS CHRYSOPTERUS  
 (Linn.) —Pigfish.  
 Joseph, et al, 1964(2): 426  
 (Eggs)  
 ORYZIAS Jordan & Snyder  
 Branson & Moore, 1962(1): 63  
 (Acoustico-lateralis syst.)  
 Cahn & Shaw, 1962(1): 110  
 (Cupulae)  
 ORYZIAS LATIPES (Schlegel)  
 —Ricefish, Japanese Medaka.  
 Hisaoka & Firlit, 1962(4): 788  
 (Egg laying)  
 Liem, 1963(2): 309 (Sex reversal)  
 Schultz, 1963(2): 325 (Fused  
 vertebrae)  
 Egami, 1963(3): 592 (Anal fin  
 rays)  
 OSMERIDAE  
 Behnke & Wetzel, 1960(2): 142  
 (Conn.)  
 OSMERUS MORDAX (Mitchell)  
 —Smelt.  
 Wahl, 1960(1): 16.  
 Behnke & Wetzel, 1960(2): 142  
 (Conn.)  
 Dymond, 1964(1): 21 (Canada)  
 Kelley & Atz, 1964(4): 703.  
 OSPHRONEMUS Lac.  
 DeBeaufort, 1964(1): 64.  
 OSTEOCHILUS Günther  
 DeBeaufort, 1964(1): 64.  
 OSTEOGLOSSIDAE  
 DeBeaufort, 1964(1): 63.  
 OSTEOGLOSSUM Basilewsky  
 Myers, 1964(1): 36.  
 DeBeaufort, 1964(1): 63.  
 OSTEOGLOSSUM BICIRRHOSUM  
 Vandelli —Arawana, Aruaná  
 Migdalski, 1957(1): 55.  
 Myers, 1964(1): 38.  
 OSTOLEPIS Val.  
 Harrington, 1955(4): 286 (Bones)  
 OSTRACION Artedi —Trunkfish.  
 Mansueti, 1963(1): 65 (Symbiosis  
 with jellyfish)  
 OSTRACION LENTIGINOSUS  
 Schneider —Boxfish  
 Brock, 1956(3): 195 (Poisonous  
 substances - Hawaii)  
 OTOLITHES ARGENTEUS (Kuhl &  
 Hass.)  
 Trewavas, 1964(1): 111.  
 OTOPHIDIUM OMOSTIGMUM  
 (Jordan & Gilbert) —Spotted  
 Cusk-eel.  
 Dawson, 1959(4): 343 (S.C.)  
 OTOPHIDIUM WELSHI Nichols &  
 Breder —Welsh's Cusk-eel.  
 Mather & Gibbs, 1957(3): 244  
 (N. Atl.)  
 OXYCIRRHITES SEFTONI Böhlke &  
 Briggs  
 Briggs, 1964(4): 707 (Trans-  
 pacific)  
 OXYCIRRHITES TYPUS Bleeker  
 Briggs, 1964(4): 707.  
 OXYGENUM PULVERULENTUM  
 Forbes, 1885.  
 Smith & Bridges, 1960(3): 253  
 (Type)  
 OXYJULIS CALIFORNICA (Günther)  
 —Senorita.  
 Orton, 1955(2): 144 (Color varia-  
 tion of eggs)  
 Limbaugh, 1962(3): 554.  
 OXYMONACANTHUS Bleeker  
 Randall, 1964(2): 335.  
 OXYPORHAMPHUS MICROPTERUS  
 (Cuv. & Val.)  
 Orton, 1957(1): 56 (Embryology)  
 OXYURICHTHYS Bleeker  
 Mead & Böhlke, 1958(4): 288.  
 OXYURICHTHYS OCCIDENTALIS  
 Boul., 1909.  
 Mead & Böhlke, 1958(4): 289.

## P

- PACHYPOPS FOURCROI Cuv. in  
 Cuv. & Val.  
 Trewavas, 1964(1): 116.  
 PAGELLUS Cuv. & Val.  
 Cahn & Shaw, 1962(1): 110  
 (Cupulae)  
 PAGELLUS CENTRODONTUS  
 De la Roche  
 Tortonese, 1964(1): 104 (Med.)  
 PAGOTHENIA Nichols & La Monte,  
 1936.  
 DeWitt, 1964(4): 683 (Redescrip-  
 tion)  
 PAGOTHENIA ANTARCTICA Nichols  
 & La Monte, 1936.  
 DeWitt, 1964(4): 683 (Redescrip-  
 tion)  
 PAGRUS Cuv.  
 Robins & DeSylva, 1964(3): 589.



- PAGRUS EHRENBERGI** Cuv. & Val.  
Tortonese, 1964(1): 101 (Med.)
- PALLASINA BARBATA** AIX Starks  
—Tubenose Poacher.  
Vernick, 1963(1): 189 (Second record for Oregon)
- PALUNOLEPIS BRACHYDACTYLUS** (Cuv. in Cuv. & Val., 1830)  
Nielson, 1963(3): 532.
- PANAQUE** Eigenm. & Eigenm., 1889.  
Kanazawa, 1958(4): 327.
- PANAQUE ALBOMACULATUS** Kanazawa, 1958.  
Kanazawa, 1958(4): 327 (Ecuador)
- PANGASIUS** Cuv. & Val.  
DeBeaufort, 1964(1): 64.
- PANTOLOBUS PARASITICUS** (Garman) —Roundfin  
Mansueti, 1963(1): 58 (Symbiosis with jellyfish)
- PANTOSTEUS DELPHINUS** (Cope)  
Miller, 1963(1): 5 (Arizona)
- PANTOSTEUS JORDANI** Evermann  
Scott, 1957(2): 161 (W. Canada)
- PANTOSTEUS PLEBIUS** (Baird & Girard)  
John, 1963(2): 289 (Spawn)
- PARABRANCHIOICA TEAGUEI** Devincenzi, 1939.  
Kelley & Atz, 1964(4): 702.
- PARACHEILOGNATHUS** Bleeker  
Holcik & deWit, 1962(2): 389.
- PARACHEILOGNATHUS RHOMBEUS** (Temminck & Schlegel, 1846).  
Holcik & deWit, 1962(4): 783.  
deWit, 1964(1): 150 (Hybrids)  
deWit, 1964(1): 158 (Hybrids)  
Holcik & deWit, 1964(1): 160.
- PARACLINUS MARMORATUS** (Steindachner)  
Dawson, 1960(1): 75 (In sponges)
- PARACLINUS MEXICANUS** (Gilbert)  
Briggs, 1960(3): 217 (Tres Marias Isl.)
- PARAFUNDULUS ERDISI** Jordan, 1924.  
Uyeno & Miller, 1962(3): 521, 523 (Pliocene)
- PARAGAMBUSIA** Meek  
Rivas, 1963(2): 333 (Tax.)
- PARAHOLLARDIA LINEATUS** (Longley & Hildebrand)  
Woods, 1959(3): 223.
- PARAHOLLARDIA SCHMIDTI** Woods, 1959.  
Woods, 1959(3): 223 (W. Caribbean)
- PARALEPIS RISSOI KROYERI** Lütken, 1892.  
Tortonese, 1964(1): 104 (Atl. O.)
- PARALABRAX** Girard  
Hewitt et al, 1963(2): 297 (Muscle proteins)
- PARALABRAX CLATHRATUS** (Girard) —Kelp Bass.  
Carpelan, 1961(1): 38 (Salinity tolerance)  
Limbaugh, 1962(3): 552.
- PARALABRAX MACULATA** Howell  
Rivero  
Robins & Starck, 1962(4): 852 (Syn. - Cuba)
- PARALABRAX NEBULIFER** (Girard) —Sand Bass.  
Limbaugh, 1962(3): 555.
- PARALEPIDIDAE**  
Rofen, 1959(4): 284.
- PARALEPIS COREGONOIDES BOREALIS** (Reinhardt)  
Tortonese, 1964(1): 104 (Atl. O.)
- PARALEPIS COREGONOIDES COREGONOIDES** Risso  
Tortonese, 1964(1): 104 (Med.)
- PARALEPIS RISSOI RISSOI** Ege  
Tortonese, 1964(1): 104 (Med.)
- PARALICHTHYS** Girard—Flounder.  
Lux, 1959(3): 253 (Partial albinism)  
Engel & Davis, 1964(3): 586 (Rel. between activity & blood comp.)
- PARALICHTHYS ALBIGUTTA** Jordan & Gilbert —Gulf Flounder  
Gunter, 1957(1): 14 (In fresh water)  
Deubler, 1958(2): 112 (Postlarvae)  
Rothschild & Deubler, 1960(3): 254.  
Breder, 1962(2): 460 (Effects of hurricane)  
White, 1962(4): 854 (Reversed ambicolorate)
- PARALICHTHYS CALIFORNICUS** (Ayres) —California Halibut.  
Carpelan, 1961(1): 36 (Salinity tolerance)  
Dawson, 1962(1): 139 (Coloration)  
Magill, 1962(4): 840 (Northerly range ext.)  
Eisler, 1963(2): 276 (Coloration)
- PARALICHTHYS DENTATUS** (Linn.) —Summer Flounder.  
Gunter, 1957(1): 14 (In fresh water)

**PARALICHTHYS DENTATUS**

(continued)

- Deubler & Fahy, 1958(1): 55  
(Reversed ambicolorate)
- Deubler, 1958(2): 112 (Post-larvae)
- Rothschild & Deubler, 1960(3): 254.
- Dawson, 1962(1): 138 (Coloration)
- Deubler & White, 1962(2): 468  
(Influence of salinity on post-larvae)
- White, 1962(4): 854.
- Eisler, 1963(2): 277 (Coloration)

**PARALICHTHYS LETHOSTIGMA**

Jordan & Gilbert—Southern  
Flounder.

- Deubler, 1958(2): 112 (Postlarvae)
- Rothschild & Deubler, 1960(3): 254.
- Gray, 1960(4): 346 (Pigmentation - N. C.)
- Dawson, 1962(1): 138 (Coloration)
- Deubler & White, 1962(2): 468.
- White, 1962(4): 854.
- Deubler, Jr. & Posner, 1963(2):  
312 (Response to low oxygen  
conc.)

**PARALICHTHYS MELANOASTER**

Dawson, 1962(1): 139 (Coloration)

**PARALICHTHYS OBLONGUS**

(Mitchill) — Fourspot Flounder.

- Dawson, 1962(1): 139 (Coloration)
- Miller & Marak, 1962(2): 454  
(Early larval stages)

**PARALICHTHYS SQUAMILENTUS**

Jordan & Gilbert

- Rothschild & Deubler, 1960(3): 254  
(N. C.)

**PARAMIA BIPUNCTATA** Lachner

— Cardinal Fish.

- Lachner, 1955(1): 53 (Inquilinism  
- Red Sea)

**PARAMIA QUINQUELINEATA** (Cuv. & Val.)

- Lachner, 1955(1): 54 (Red Sea)
- PARAMYRUS KELLERSI Fowler, 1932.  
Kanazawa, 1961(1): 115 (Syn.)

**PARAMYXINE ATAMI** Dean — Hag.

- Strahan, 1962(2): 471 (Survival in  
diluted sea water)
- Strahan, 1962(4): 801.

**PARAMYXINE YANGI** Teng, 1958.

Strahan, 1962(4): 805.

**PARANEIRODES WEDLI** (Pietschmann)

Grey, 1959(3): 225 (W. Atlantic)

**PARAPERCIDAE**

DeWitt, 1962(3): 657.

**PARARHODEUS** Berg

Holcik & deWitt, 1962(2): 389.

**PARASCAPHIRHYNCHUS ALBUS**

Forbes & Richardson, 1904.

Smith & Bridges, 1960(3): 253  
(Type)

**PARASILURUS** Bleeker

Mithel, 1964(4): 677.

**PARASILURUS ASOTUS** (Linn.)

Branson & Moore, 1962(1): 63  
(Acoustico-lateralis syst.)

Mithel, 1964(4): 677 (Cranial  
nerves)

**PARASTEGOPHILUS MACULATUS**

(Steindachner, 1879)

Kelley & Atz, 1964(4): 702.

**PARATELEOPUS** Smith & Radcliffe

Walters, 1963(2): 456 (Tax.)

**PARATHUNNUS SIBI** (Schlegel)

— Bigeye Tuna

Williams, 1959(1): 20 (Ovary  
weight)

**PARATRACHICHTHYS ARGYRO-**

PHANUS Woods, 1961.

Cohen, 1964(2): 408 (Biolumi-  
nescence)

**PARATRACHICHTHYS PROSTHEMIUS**

Jordan & Fowler

Cohen, 1964(2): 407 (Biolumi-  
nescence)

**PARAVANDELLIA OXYPTERA** A.

Mir. - Rib., 1912.

Kelley & Atz, 1964(4): 702.

**PARAZEN** Kamohara, 1935.

Mead, 1957(3): 236.

**PARAZEN PACIFICUS** Kamohara, 1935.

Mead, 1957(3): 235 (Atlantic  
Record)

**PARQUES** Gill in Goode, 1875.

Myers, 1960(1): 67.

McPhail, 1961(1): 27 (Review)

**PARQUES ACUMINATUS** (Bloch & Schneider)

McPhail, 1961(1): 28 (Tax.)

**PARQUES FUSCOVITTATUS**

(Kendall & Radcliffe)

McPhail, 1961(1): 28 (Tax.)

**PARQUES LANFEARI** (Barton)

McPhail, 1961(1): 28 (Tax.)

**PARQUES VIOLA** (Gilbert)

McPhail, 1961(1): 28 (Tax.)

**PAREXOGLOSSUM** Hubbs

Minckley & Craddock, 1962(2):  
374.

**PARONEIRODES** Alcock.

Grey, 1959(3): 225.

PARONEIRODES GLOMEROSUS

Alcock

Grey, 1959(3): 227 (Bay of Bengal & S. Atlantic)

PAROPHRYS ISCHYRUS Jordan & Gilbert, 1880.

Aron, 1958(2): 105 (Syn.)

PAROPHRYS VETULUS Girard

Aron, 1958(2): 105 (Hybrid)

Batts, 1964(4): 669 (Lepidology)

PARUPENEUS Bleeker — Goatfish.

Gosline, 1961(3): 266 (Caudal skeleton)

PARUPENEUS PORPHYREUS

(Jenkins)

Gosline, 1961(3): 267 (Caudal skeleton)

PECTEN MAGELLANICUS — Ocean Scallop.

Mansueti, 1963(1): 65 (Shelter for young Urophycis chuss)

PELAGIA NOCTILUCA (Forskall)

Mansueti, 1963(1): 56 (Symbiosis with fish)

PELLONA Cuv. & Val.

Dehadrai, 1960(2): 125 (India)

Berry, 1964(2): 377 (Upper Jaw Bones)

PELLONA ELONGATA (Bennett)

Dehadrai, 1960(2): 126.

PENICIPELTA Whitley, 1947.

Randall, 1964(2): 331.

PENTAPODIDAE

Akazaki, 1961(4): 437.

PENTAPODUS (Emend. pro Pentapus Cuv. & Val., 1830)

Akazaki, 1961(4): 437.

PENTHERICHTHYS ATRATUS

(Regan & Trewavas)

Briggs, 1960(3): 179 (Circum-tropical)

PEPRILUS ALEPIDOTUS (Linn.)

Southern Harvestfish

Springer, 1961(4): 482 (Tampa Bay, Fla.)

Mansueti, 1963(1): 40 (Fish-jellyfish symbiosis)

PEPRILUS BURTI Fowler, 1944.

Collette, 1963(3): 582 (Tax.)

PERCA Linn.

Branson & Moore, 1962(1): 55, 59 (Acoustico-lateralis syst.)

Cahn & Shaw, 1962(1): 110 (Cupulae)

PERCA ALBURNUS Linn.

Trewavas, 1964(1): 107 (Syn.)

PERCA ASPERA Pallas

Collette, 1963(4): 616 (Syn.)

PERCA CERNUA Linn.

Collette, 1963(4): 616 (Syn.)

PERCA FASCIATA Forskal

Tortonese, 1961(4): 471.

PERCA FLAVESCENS (Mitchell)

—Yellow perch.

Bardach, 1955(2): 107 (Opercular bone)

Smith, 1958(3): 178, 179 (Pleistocene - Okla. & Kansas)

Kilby, Crittenden & Williams, 1959(1): 77 (Fla. - freshwater)

Macphee, 1960(2): 120.

Behnke & Wetzel, 1960(2): 143 (Conn.)

Norden, 1961(3): 282 (Larvae)

Krueger, 1961(4): 449.

Smith, 1962(3): 519.

Smith, 1963(2): 283 (Pleistocene)

Wagner & Cooper, 1963(2): 356.

Collette, 1963(4): 615, 621.

Batts, 1964(4): 669 (Lepidology)

Weisel & McLaury, 1964(4): 687 (Ore.)

PERCA FLUVIATILIS Linn.

—European Perch.

Eaton, 1956(3): 198.

Branson & Moore, 1962(1): 58 (Acoustico-lateralis syst.)

Smith, 1962(3): 519.

Smith, 1963(2): 283.

Collette, 1963(4): 615, 621.

DeWitt, 1964(4): 685.

PERCA LUCIOPERCA Linn.

Collette, 1963(4): 616.

PERCA MITCHILLI INTERRUPTA

Mitchill

Woolcott, 1952(1): 1 (Tax.)

PERCA SCHRAETSER Linn.

Collette, 1963(4): 617 (Syn.)

PERCA SCHRENKI Kessl.

Collette, 1963(4): 615, 621.

PERCA SCRIBA Linn.

Tortonese, 1961(4): 471.

PERCA ZINGEL Linn.

Collette, 1963(4): 616 (Syn.)

PERCALATES Ramsay & Ogilby

DeBeaufort, 1964(1): 64.

PERCARINA DEMIDOFFI (Nordman)

Slastenenko, 1955(3): 233 (Black Sea)

Collette, 1963(4): 615, 621.

PERCIDAE

Behnke & Wetzel, 1960(2): 143 (Conn.)

Branson & Moore, 1962(1): 26 (Acoustico-lateralis syst.)

## PERCIDAE (continued)

Cahn &amp; Shaw, 1962(1): 110

(Cupulae)

Collette, 1963(4): 615

(Phylogeny)

## PERCINA AURANTIACA (Cope)

Richards &amp; Knapp, 1964(4): 691

(Tax.)

## PERCINA CAPRODES (Raf.)

—Logperch

Hubbs, 1958(1): 58 (Hybrids)

Hubbs, 1958(2): 102 (Geogr.

var. in egg complement)

Stegman &amp; Minckley, 1959(4):

341 (ILL.)

Hubbs, 1960(1): 1.

Hubbs, Littlejohn &amp; Littlejohn,

1960(1): 69 (Ammonia fumes)

Hubbs, 1961(2): 195 (Temp.

tolerances - Texas)

Hubbs &amp; Laritz, 1961(2): 231

(Hybrids)

Smith, 1963(2): 255 (E. Illinois)

Collette, 1963(4): 615.

Richards &amp; Knapp, 1964(4): 696.

## PERCINA CAPRODES × P. MACULATA

Richards &amp; Knapp, 1964(4): 691

(Tax.)

## PERCINA COPELANDI Jordan

Richards &amp; Knapp, 1964(4): 696.

## PERCINA CRASSA

Richards &amp; Knapp, 1964(4): 691

(Tax.)

## PERCINA CYMATOAENIA

(Gilbert &amp; Meek)

Richards &amp; Knapp, 1964(4): 691

(Tax.)

## PERCINA EVIDES (Jordan &amp;

Copeland —Gilt Darter.

Eddy &amp; Underhill, 1959(4): 342.

Richards &amp; Knapp, 1964(4): 691

(Tax.)

## PERCINA LENTICULA Richards &amp;

Knapp, 1964.

Richards &amp; Knapp, 1964(4): 690,

695 (Ga.)

## PERCINA MACROCEPHALA (Cope)

Richards &amp; Knapp, 1964(4): 691

(Tax.)

## PERCINA MACULATA (Girard)

—Blackside Darter.

Smith, 1963(2): 254 (E. Illinois)

Richards &amp; Knapp, 1964(4): 691

(Tax.)

## PERCINA NASUTA (Bailey)

Raney &amp; Suttkus, 1964(1): 139.

Richards &amp; Knapp, 1964(4): 691

(Tax.)

## PERCINA NIGROFASCIATA NIGRO-

FASCIATA (Agassiz)

Richards &amp; Knapp, 1964(4): 690-

691 (Tax.)

## PERCINA NIGROFASCIATA RANEYI

Crawford

Richards &amp; Knapp, 1964(4): 690-

691 (Tax.)

## PERCINA NOTOGRAMMA (Raney &amp;

Hubbs)

Robins, 1961(3): 311.

Richards &amp; Knapp, 1964(4): 691

(Tax.)

## PERCINA OXYRHYNCHA (Hubbs &amp;

Raney)

Richards &amp; Knapp, 1964(4): 691

(Tax.)

## PERCINA PALMARIS (Bailey)

Richards &amp; Knapp, 1964(4): 691

(Tax.)

## PERCINA PANTHERINA (Moore &amp;

Reeves)

Richards &amp; Knapp, 1964(4): 691

(Tax.)

## PERCINA PELTATA (Stauffer)

Winn &amp; Picciolo, 1960(3): 189.

Collette, 1963(4): 616.

Richards &amp; Knapp, 1964(4): 691

(Tax.)

## PERCINA PHOXOCEPHALA (Nelson)

—Slenderhead Darter.

Eddy &amp; Underhill, 1959(4): 342.

Smith, 1963(2): 254 (E. Illinois)

Richards &amp; Knapp, 1964(4): 691

(Tax.)

## PERCINA REX (Jordan &amp; Evermann)

Richards &amp; Knapp, 1964(4): 696.

## PERCINA SCIERA APRISTIS (Hubbs

&amp; Hubbs)

Richards &amp; Knapp, 1964(4): 690-

691 (Tax.)

## PERCINA SCIERA SCIERA (Swain)

Richards &amp; Knapp, 1964(4): 690-

691 (Tax.)

## PERCINA SHUMARDI (Girard)

Riggs &amp; Moore, 1963(2): 451

(Okla. &amp; Texas)

Richards &amp; Knapp, 1964(4): 691

(Tax.)

## PERCINA SQUAMATA (Gilbert

&amp; Meek)

Richards &amp; Knapp, 1964(4): 691

(Tax.)

## PERCINA URANIDEA

Collette, 1963(4): 615.

Richards &amp; Knapp, 1964(4): 691

(Tax.)

## PERCINAE

Collette, 1963(4): 615 (Phylogeny)

- PERCOPHIS Cuv. & Val.  
DeWitt, 1962(3): 657.
- PERCOPSIS Agassiz  
Moore & Burris, 1956(1): 18.
- PERCOPSIS OMISCOMAYCUS  
(Walbaum) — Trout Perch.  
Hecht & Walters, 1955(3): 252  
(Canada)  
Behnke & Wetzel, 1960(2): 141  
(Mass., N. Y.)
- PERILAMPUS Day (non McClelland)  
Silas, 1957(1): 61 (Tax.)
- PERIOPHTHALMUS CHRYSOSPILOS  
Steindachner.  
Sundararaj, 1958(4): 290 (Semi-nal vesicles)
- PERIOPHTHALMUS PAPILIO  
Bl. Schn.  
Stebbins & Kalk, 1961(1): 24.
- PERIOPHTHALMUS SOBRINUS  
Eggert — Mud-skipper.  
Stebbins & Kalk, 1961(1): 18  
(Nat. Hist. - Port. E. Afr.)
- PERVAGOR SPILOSOMA (Lay & Bennett) — Fantailed Filefish.  
Brock, 1956(3): 196 (Hawaii)  
Gosline, 1961(3): 265 (Caudal skeleton)
- PETROCEPHALUS Marcusen  
Atz & Coates, 1957(4): 303  
(Electrogenic)
- PETROMYZON Linn.  
Legendre, 1962(1): 222 (Tax.)
- PETROMYZON ARGENTEUS  
Kirtland  
Bailey, 1959(2): 162.  
Cross & Metcalf, 1963(1): 187  
(Syn. - Missouri River System)
- PETROMYZON BRACHIALIS Linn.  
Legendre, 1962(1): 222.
- PETROMYZON CASTANEUS (Girard)  
Bailey, 1959(2): 162.  
Starrett et al, 1960(4): 337.
- PETROMYZON FLUVIATILIS Linn.,  
1758.  
Legendre, 1962(1): 222.
- PETROMYZON MARINUS (Linn.)  
— Sea Lamprey.  
Lennon, 1955(3): 235 (Artif. propagation)  
Sawyer, 1957(3): 244 (Care & feeding of larvae)  
Williams, 1959(1): 20 (Ovary weight)  
Thorson, 1959(2): 163 (Anesthetic)  
Eddy & Underhill, 1959(4): 342  
(Minn.)
- PETROMYZON MARINUS (continued)  
Behnke & Wetzel, 1960(2): 142  
(Conn.)  
Starrett, Harth & Smith, 1960(4): 337 (Ill.)  
Legendre, 1962(1): 222.  
Piavis, 1962(3): 652 (Effects of larvicides)  
Perlmutter, 1962(3): 663 (Predation on Atl. mackerel)
- PETROMYZON PLANERI Bonnaterre  
Legendre, 1962(1): 222.
- PETROMYZONTIDAE  
Behnke & Wetzel, 1960(2): 142  
(Conn.)  
Legendre, 1962(1): 222.
- PETROSCIRTES JAPONICUS  
Bleeker, 1869.  
Springer, 1963(2): 453 (Syn.)
- PETROSCIRTES KOCHI Weber, 1908.  
Springer, 1963(2): 453 (Syn.)
- PETROSCIRTES MASYAE H. M. Smith, 1934.  
Springer, 1963(2): 453 (Syn.)
- PFRILLE NEOGAEA (Cope  
Hecht & Walters, 1955(3): 252  
(Canada)  
Scott, 1957(2): 161 (W. Canada)
- PHALACROMACRURUS Maul & Koefoed, 1950.  
Marshall, 1964(1): 88 (Syn.)
- PHALACROMACRURUS PANTHERINUS Maul & Koefoed, 1950.  
Marshall, 1964(1): 88 (Syn.)
- PHALLICHTHYS Hubbs  
Hubbs & Miller, 1960(2): 107.
- PHALLICHTHYS AMATES (Miller)  
Rosen & Tucker, 1961(2): 202  
(Sex behavior in viviparous fishes)  
Hewitt et al, 1963(2): 298  
(Muscle protein)
- PHALLOCEROS CAUDIMACULATUS (Hensel)  
Rosen & Mendelson, 1960(3): 204  
(Sensory canals)  
Rosen & Tucker, 1961(2): 202  
(Sex behavior in viviparous fishes)
- PHALLOTORYNUS JUCUNDUS  
Rosen & Tucker, 1961(2): 202 (Sex behavior in viviparous fishes)
- PHAREODUS Leidy  
DeBeaufort, 1964(1): 63 (Eocene - Wyo.; Paleogene - Australia)
- PHAREODUS QUEENLANDICUS Hills, 1934.  
DeBeaufort, 1964(1): 64 (Australia)

- PHENACOBIOUS Cope.  
Minckley & Craddock, 1962(2): 369.
- PHENACOBIOUS CATOSTOMUS Jordan  
Minckley & Craddock, 1962(2): 369.
- PHENACOBIOUS CRASSILABRUM  
Minckley & Craddock, 1962.  
—Fatlips Minnow  
Minckley & Craddock, 1962(2): 369  
(Tenn. R.)
- PHENACOBIOUS MIRABILIS (Girard)  
—Suckermouth Minnow  
Eddy & Underhill, 1959(4): 342.  
Minckley & Craddock, 1962(2): 369.  
Zahuranec, 1962(4): 842 (SE. Ohio).  
Smith, 1963(2): 254. (E. Illinois)
- PHENACOBIOUS TERETULUS Cope  
Bailey & Gilbert, 1960(4): 354.  
Minckley & Craddock, 1962(2): 369
- PHENACOBIOUS URANOPS Cope  
Minckley & Craddock, 1962(2): 369.
- PERALLODUS INDICUS (Weber)  
Briggs, 1962(4): 852 (Amami Isl.)
- PHILIPNUS DORMITATOR "Girard".  
Bailey & Richards, 1963(4): 702  
(Tax.)
- PHILYPNUS LATERALIS Gill, 1860.  
Bailey & Richards, 1963(4): 703  
(Tax.)
- PHOLIS FASCIATUS (Bloch & Schneider)  
Gordon & Backus, 1957(1): 18  
(Labrador)
- PHOLIS GUNNELLUS (Linn.)  
—Gunnel  
Gordon & Backus, 1957(1): 18  
(Labrador)  
Breder, 1962(3): 562 (Transparency  
in eggs & larvae).
- PHOLIS SCHULTZI Hubbs in Schultz,  
1931.  
Schultz & Hubbs, 1961(4): 477 (Tax.)
- PHOTOGENIS Cope, 1866.  
Gibbs, 1957(3): 187 (Tax.)
- PHOTOGENIS ANALOSTANUS  
(Girard, 1859)  
Gibbs, 1963(3): 513, 520 (Syn.)
- PHOTOGENIS SPILOPTERUS Cope,  
1866.  
Gibbs, 1957(3): 187 (Tax.)
- PHOTOGENIS STIGMATURUS Jordan  
Gibbs, 1957(3): 187 (Tax.)
- PHOTOGRAPHY  
Randall, 1961(2): 241 (Technique for  
fish)  
Caldwell & Carlin, 1962(2): 445  
(Fish larvae-adapter)
- PHOTONECTES MARGARITA  
Gibbs & Aron, 1960(2): 136 (Pac. O.)
- PHOTOSTYLUS PYCNOPTERUS  
Beebe.  
Grey, 1958(1): 56 (Bermuda)
- PHOXINUS Raf.  
Strasburg, 1957(1): 58  
(Respirations)  
Kapoor, 1961(2): 179 (Sensory  
canals)  
Branson & Moore, 1962(1): 28  
(Acoustico-lateralis syst.)  
Cahn & Shaw, 1962(1): 110.  
(Cupulae).  
Sharma, 1964(3): 533.
- PHOXINUS LAEVIS Agassiz  
—European Minnow  
Turner, 1957(3): 195.  
Verheijen, 1963(1): 174 (Alarm  
substance)  
Liem, 1963(2): 309. (Sex  
reversal)  
Deubler & Posner, 1963(2): 312  
(Response to low oxygen  
conc.)  
Winn et al, 1964(2): 421 (sounds).
- PHOXINUS PERCINURUS (Pallas)  
Slastenenko, 1955(3): 234  
(Black Sea)
- PHOXINUS PHOXINUS (Linn.)  
Deubler, Jr. & Posner, 1963(2):  
312 (Response to low oxygen  
conc.)
- PHTHEIRICHTHYS LINEATUS  
(Menzies)  
Strasburg, 1959(3): 244 (diet)  
Briggs, 1960(3): 178 (Circum-  
tropical)  
Strasburg, 1964(1): 228 (Sym-  
biosis)
- PHTHEIRICHTHYS MULTIRADIATUS  
Schultz  
Strasburg, 1959(3): 244.
- PHYCIS CHESTERI Goode & Bean  
—Longfin Hake  
Fritz, 1961(2): 229 (Distrib. by  
depth)
- PHYLLOPHICHTHUS XENODONTUS  
Gosline, 1951.  
Weed & Howarth, 1961(3): 357  
(Range extensions)
- PHYLLORHIZA PACIFICA (Light).  
Mansueti, 1963(1): 57. (Sym-  
biosis with fish)
- PHYSALIA PELAGICA Bosc  
Mansueti, 1963(1): 46. (Sym-  
biosis with fish)
- PHYSOPHORA HYDROSTATICA  
Hubbs, 1955(1): 50.



- PIKEA Steindachner  
Robins & Böhlke, 1960(2): 147.
- PIKEA SERICEA Fowler, 1938.  
Robins & Böhlke, 1960(2): 147  
(Syn.)
- PILODICTIS OLIVARIS (Raf.)  
(Pylodictis). — Flathead or  
Shovelhead Catfish  
Williams, 1959(1): 19 (Egg-count)  
Clemens & Johnson, 1964(2): 390.
- PIMELIPTERUS Lac.  
Norris & Prescott, 1959(4): 276.
- PIMELODIDAE  
Hubbs & Miller, 1960(2): 107.
- PIMELODUS ANTIQUUS Leidy  
Uyeno & Miller, 1962(2): 340  
(Tertiary - Wyo.)
- PIMELODUS CONIROSTRIS Val.  
Hubbs & Miller, 1960(2): 110  
(Type of Conorhynchus)
- PIMELEPTERUS Lac.  
Randall, 1961(3): 357.
- PIMEPHALES NOTATUS (Raf.)  
— Bluntnose Minnow  
Pfeiffer, 1955(2): 96. (N. Y.)  
Reed, 1955(3): 240 (Trematode  
parasite)  
Behnke & Wetzel, 1960(2): 141  
(Mass., N. Y.)  
Smith, 1963(2): 254. (E. Illinois)
- PIMEPHALES PROMELAS PROMELAS  
Raf. — Northern Fathead  
Minnow  
Personius & Eddy, 1955(1): 42  
(Little Missouri R.)  
Smith, 1958(3): 177 (Pleistocene -  
Okla.)  
Hubbs & Hubbs, 1958(4): 300.  
Behnke & Wetzel, 1960(2): 141  
(Mass., N. Y.)  
Branson, 1962(3): 537.
- PIMEPHALES VIGILAX (Baird &  
Girard)  
Robinson, 1959(3): 255 (Lower Rio  
Grande)
- PISODONOPHIS CRUENTIFER Goode &  
Bean—Snake-eels  
Walters, 1955(2): 146 (Pseudoparasites  
of fishes)
- PISODONOPHIS SEMICINCTUS  
Tortonese, 1964(1): 101 (Med.).
- PLAGIOSCION Gill  
Myers, 1960(1): 67.
- PLANEROCEPHALUS Grazianow, 1906.  
Chhapparg, 1964(2): 587.
- PLASTIC BAGS  
Miller, 1956(2): 118 (For carrying &  
shipping live fish)
- PLATAX Cuv.  
Tortonese, 1964(1): 102.  
(Eocene - Italy)
- PLATESSA OBLONGA Storer  
Dawson, 1962(1): 139 (Coloration)
- PLATESSA QUADROCELLATA  
(Storer)  
Miller & Marak, 1962(2): 455  
(Syn.)
- PLATICHTHYS Girard.  
(Platyichthys)  
Eisler, 1963(2): 276. (Coloration)
- PLATICHTHYS FLESUS (Linn.)  
Follett, McCormick & Best,  
1960(2): 112.  
Tortonese, 1964(1): 101 (Med.).
- PLATICHTHYS FLESUS ITALICUS  
Tortonese, 1964(1): 102 (Med.)
- PLATICHTHYS STELLATUS  
(Pallas)  
Aron, 1958(2): 105 (Hybrids)  
Follett, McCormick & Best,  
1960(2): 112.  
Walters, 1961(4): 485 (Asymmetry)  
Dawson, 1962(1): 139 (Coloration).  
Batts, 1964(4): 666, 668.  
(Lepidology)
- PLATICHTHYS STELLATUS  
RUGOSUS Girard  
Follett, McCormick & Best,  
1960(2): 114.
- PLATICHTHYS STELLATUS X  
PAROPHRYUS VETULUS  
Girard.  
Batts, 1964(4): 667 (Lepidology).
- PLATYCEPHALIDAE  
Tortonese, 1964(1): 103 (Med.).
- PLATYGOBIO GRACILIS  
(Richardson)  
Hecht & Walters, 1955(3): 252  
(Canada)  
Dymond, 1964(1): 3.
- PLATYGOBIO PALLIDUS Forbes,  
1883.  
Smith & Bridges, 1960(3): 253  
(Type)
- PLATYPOECILUS Günther &  
Regan  
Rosenthal, 1955(1): 52 (Congeneric  
with Xiphophorus)  
Hisaoaka & Firlit, 1962(4): 788.
- PLATYPOECILUS MACULATUS  
(Günther)  
Kosswig, 1964(1): 67  
(Polymorphism)
- PLATYSTETHUS HUTTONII  
Günther, 1876.  
Nielson, 1963(3): 532.

- PLECOSTOMUS CORDOVAE** Günther  
 Norris & Prescott, 1959(4): 276.  
**PLECTROCHILUS MACHADOI**  
 A. Miranda Ribeiro, 1917.  
 Kelley & Atz, 1964(4): 702.  
**PLECTROMUS CRISTICEPS**  
 Braganca, 1903.  
 Grey, 1955(2): 148 (Syn.)  
**PLESIOPERCA** Vaillant, 1873.  
 Richards & Knapp, 1964(4): 692  
 (Syn.)  
**PLESIOPERCA ANCEPS** Vaillant,  
 1873.  
 Richards & Knapp, 1964(4): 692  
 (Syn.)  
**PLEUROGRAMMA** Gill  
 DeWitt, 1962(4): 827.  
 DeWitt, 1964(4): 684.  
**PLEURONECTES** Linn.  
 Eisler, 1963(2): 276. (Coloration)  
**PLEURONECTES PLATESSA** Linn.  
 Weinreb & Bilstad, 1955(3): 198.  
 Krueger, 1961(4): 447.  
 Breder, 1962(3): 562 (Transparency  
 in eggs & larvae).  
 Tortonese, 1964(1): 100  
 (Mediterranean).  
**PLEURONECTIDAE**  
 Follett, McCormick & Best, 1960(2):  
 112.  
 Batts, 1964(4): 671 (Lepidology).  
**PLEURONICHTHYS COENOSUS**  
 Girard  
 Batts, 1964(4): 668 (Lepidology)  
**PLEURONICHTHYS RITTERI**  
 (Starks & Morris)—Turbot  
 Oppenheimer, 1955(1): 45 (Effects  
 of antibiotics on pelagic eggs)  
**PLIOSTEOSTOMA** Norman, 1923.  
 Berry, 1964(2): 377 (Upper Jaw  
 Bones).  
**PLOTOSUS ANGUILLARIS** (Lac.)  
 —Sea Catfish  
 Iwai, 1963(2): 271. (Taste buds).  
**POCILLOPORA LIGULATA**  
 —Anemone.  
 Stevenson, 1963(4): 612 (Relation to  
 fish)  
**POECILIA NIGROFASCIATA**  
 Rosen & Tucker, 1961(2): 202 (Sex  
 behavior in viviparous fishes)  
**POECILIA PARAE**  
 Rosen & Tucker, 1961(2): 202 (Sex  
 behavior in viviparous fishes)  
**POECILIA PICTA**  
 Rosen & Tucker, 1961(2): 202 (Sex  
 behavior in viviparous fishes)  
**POECILIA RETICULATA** Peters  
 Rosen & Tucker, 1961(2): 202  
 (Sex behavior in viviparous  
 fishes)  
**POECILIA SPHENOPS** (Cuv. & Val.)  
 Rosen & Tucker, 1961(2): 202  
 (Sex behavior in viviparous  
 fishes)  
 Gordon & Rosen, 1962(2): 360  
 (Cavernicolous - Mexico).  
 Kosswig, 1964(1): 74  
 (Polymorphism)  
**POECILIA VITTATA** Guichen.  
 Rosen & Tucker, 1961(2): 202  
 (Sex behavior in viviparous  
 fishes)  
**POECILIA VIVIPARA** Bloch &  
 Schneider  
 Rosen & Mendelson, 1960(3): 204  
 (Sensory canals)  
 Hewitt et al, 1963(2): 298.  
 (Muscle proteins)  
**POECILICHTHYS** Agassiz  
 Kuehne & Bailey, 1961(1): 1  
 (Tax.)  
**POECILICHTHYS SELLARIS**  
 (Radcliffe & Welch, 1913).  
 Knapp, Richards, Miller & Foster,  
 1963(2): 455 (Tax.).  
**POECILIOPSIS TURRUBARENSIS**  
 (Meek)  
 Miller, 1958(3): 237 (Mex.)  
**POECILIDAE**  
 Rosen & Tucker, 1961(2): 201.  
**POECILIOPSIS** Regan  
 Miller, 1956(2): 118 (Live  
 shipments)  
**POECILIOPSIS INFANS** (Woolman)  
 Rosen & Mendelson, 1960(3):  
 204 (Sensory canals)  
**POECILIOPSIS PLEUROSPILUS**  
 (Günther)  
 Rosen & Tucker, 1961(2): 202  
 (Sex behavior in viviparous  
 fishes)  
**POECILIOPSIS PROLIFICA** Miller  
 Schultz, 1963(2): 325. (Vertebral  
 deformity)  
**POGONIAS CROMIS** (Linn.)  
 —Black Drum  
 Harrington & Rivas, 1958(2): 129  
 (Fla.)  
 Bleakney, 1963(1): 173. (First  
 record from Nova Scotia).  
 Joseph et al, 1964(2): 425 (Eggs  
 & larvae)

- POGONICHTHYS MACROLEPIDOTUS  
(Ayres)—Splittail  
Branson & Moore, 1962(1): 26  
(Acoustico-lateralis syst.)
- POLISTOTREMA Gill  
Strahan, 1962(2): 471.
- POLLACHIUS VIRENS (Linn.)  
—Pollock  
Backus, 1957(3): 246 (Food of shark)  
Massmann, 1960(1): 70 (Ches. Bay)
- POLYCLEMUS DUMERILI (Bocourt)  
Trewavas, 1964(1): 116.
- POLYDACTYLUS Lac.  
Miller, 1958(3): 237 (Mex.)  
Hess, 1962(3): 655.
- POLYDACTYLUS OCTONEMUS  
(Girard)  
Robinson, 1959(3): 255 (Lower Rio Grande)
- POLYDACTYLUS SEXFILIS (Val.)  
Gosline, 1961(3): 265 (Caudal skeleton)
- POLYDACTYLUS VIRGINICUS (Linn.)  
—Barbu or Threadfin  
Richards, 1963(3): 584 (Va. - Ches. Bay)
- POLYIPNUS ASTEROIDES Schultz,  
1938.  
Kobayashi, 1963(1): 180.  
(Photophores)
- POLYIPNUS LATERNATUS Garman  
Kobayashi, 1963(1): 179. (First record, Pacific Ocean).
- POLYIPNUS MATSUBARAI Schultz,  
1962.  
Kobayashi, 1963(1): 180. (Photophores)
- POLYIPNUS TRIPHANOS Schultz, 1938.  
Kobayashi, 1963(1): 180.  
(Photophores)
- POLYNEMIDAE  
Gosline, 1961(3): 265 (Caudal skeleton)
- POLYNEMUS APPROXIMANS  
Beltran  
Klawe, 1964(4): 712-713.
- POLYODON Schneider  
Branson & Moore, 1962(1): 25, 30  
(Acoustico-lateralis syst.)
- POLYODON SPATHULA (Walbaum)  
—Paddlefish.  
Starrett et al, 1960(4): 338 (Ill.)
- POLYPTERUS Lac.  
Harrington, 1955(4): 282. (Bones)  
Branson & Moore, 1962(1): 7, 28  
(Acoustico-lateralis syst.)
- POLYPTERUS BICHR Geoff.  
Branson & Moore, 1962(1): 7  
(Acoustico-lateralis syst.)
- POLYPTERUS PALMAS Ayres  
Myers, 1964(1): 41 (West Africa)
- POMACENTRUS FUSCUS Cuv.  
Dawson, 1962(2): 443 (Gulf of Mexico).
- POMACENTRUS LEUCORIS  
(Gilbert)  
Shaw, 1955(2): 85.
- POMACENTRUS LEUCOSTICTUS  
(Müller & Troschel)  
—Beau-gregory  
Shaw, 1955(2): 85.  
Boschung, 1962(2): 457 (Fla.).  
Winn et al, 1964(2): 414  
(Sounds)
- POMADASYIDAE  
Joseph et al, 1964(2): 426.
- POMADASYUS BAYANUS Jordan & Evermann  
Gunter, 1957(1): 15 (In fresh water)
- POMADASYUS INCISUS (Bowd.)  
Tortonese, 1964(1): 100, 102.  
(Med.).
- POMATOMIDAE  
Briggs, 1960(3): 178.
- POMATOMUS Lac.  
Branson & Moore, 1962(1):  
56-58 (Acoustico-lateralis syst.)
- POMATOMUS SALTATRIX (Linn.)  
—Bluefish.  
Briggs, 1960(3): 178 (Circum-tropical)  
Cotton & Honey, 1963(2): 447.  
Rothschild, 1963(4): 601.  
Tortonese, 1964(1): 100 (Med. - saltator)  
Engel & Davis, 1964(3): 586  
(Pal. between activity & blood comp.)
- POMOLOBUS Raf., 1820.  
Svetovidov, 1964(1): 129.
- POMOLOBUS AESTIVALIS  
(Mitchill)  
Svetovidov, 1964(1): 118.
- POMOLOBUS CHRYSOCHLORIS Raf.  
Svetovidov, 1964(1): 118.
- POMOLOBUS MEDIOCRIS (Mitchill)  
Svetovidov, 1964(1): 118.
- POMOLOBUS PSEUDOHARENGUS  
(Wilson)—Alewife.  
Dence, 1956(3): 155 (Concretions, N. Y.)  
Sindermann & Mairs, 1959(3): 230  
Dymond, 1964(1): 14.  
Svetovidov, 1964(1): 118.

- POMOXIS Raf.  
Branson & Moore, 1962(1): 14, 24  
(Acoustico-lateralis syst.)
- POMOXIS ANNULARIS (Raf.)  
—White Crappie  
Eaton, 1956(3): 198 (Olfactory organs)  
Kilby, Crittenden & Williams, 1959(1): 77 (Fla. - freshwater)  
Robinson, 1959(3): 255 (Lower Rio Grande)  
Behnke & Wetzel, 1960(2): 143 (Conn.)  
Branson & Moore, 1962(1): 15 (Acoustico-lateralis syst.)  
Smith, 1962(3): 514.  
Smith, 1963(2): 255. (E. Illinois)  
Clemens & Johnson, 1964(2): 390.
- POMOXIS LANEI Hibbard, 1936.  
—Crappie  
Branson & Moore, 1962(1): 11, 96 (Acoustico-lateralis syst.)  
Smith, 1962(3): 514 (Pliocene - Kansas)
- POMOXIS NIGROMACULATUS (LeSueur)—Black Crappie  
Personius & Eddy, 1955(1): 42 (Little Missouri R.)  
Greenbank, 1956(3): 158 (Movement under ice)  
Williams, 1959(1): 19.  
Kirby, Crittenden & Williams, 1959(1): 77 (Fla. - freshwater)  
Behnke & Wetzel, 1960(2): 143 (Conn.)  
Branson & Moore, 1962(1): 15, 24 (Acoustico-lateralis syst.)  
Smith, 1962(3): 514.  
Smith, 1963(2): 254 (E. Illinois)  
Wagner & Cooper, 1963(2): 351.  
Clemens & Johnson, 1964(2): 390.  
Weisel & McLaury, 1964(4): 687 (Ore.)
- PORCIDAE  
Jayaram, 1956(4): 248.
- PORCUS Geoffroy St. Hilaire, 1818  
Jayaram, 1956(4): 249 (Tax.)
- POROALTIUS SEWALLI Fowler, 1931.  
Springer, 1963(2): 452 (Tax. & locality)
- PORONOTUS Gill—Butterfish  
Strasburg, 1957(1): 59.
- PORONTUS BURTI (Fowler, 1944).  
—Gulf of Mexico Butterfish  
Collette, 1963(3): 582 (Tax. - caudal vert.)
- PORONOTUS TRIACANTHUS (Peck)—Atlantic Coast Butterfish  
Springer, 1961(4): 482 (Tampa Bay, Fla.)  
Mansueti, 1963(1): 40 (Fish-jellyfish symbiosis)  
Colton & Honey, 1963(2): 447 (Eggs & larvae)  
Collette, 1963(3): 582 (Caudal vert.)  
Joseph et al, 1964(2): 426 (Eggs)
- PORPITA  
Mansueti, 1963(1): 61. (Symbiosis with fish)
- POSTHODIPILOSTOMUM MINIMUM (Mac Callum, 1921)  
—White Liver Grub.  
Reed, 1955(3): 240 (parasitic on fish)
- POTAMARIUS Hubbs & Miller, 1960.  
Hubbs & Miller, 1960(2): 101 (Guatemala & Mexico)
- POTAMARIUS IZABALENSIS Hubbs & Miller, 1960.  
Hubbs & Miller, 1960(2): 104 (Guatemala)
- POTAMARIUS NELSONI (Evermann & Goldsborough)  
Hubbs & Miller, 1960(2): 101, 107 (Guatem. & Mexico)
- POTAMORRHAPHIS Günther, 1866.  
Berry & Rivas, 1962(1): 153.
- PRANESUS INSULARUM  
Gosline, 1961(3): 265 (Caudal skeleton)
- PRIACANTHIDAE  
Briggs, 1960(3): 176.  
Caldwell, 1962(2): 417 (W. Atl.)
- PRIACANTHUS ARENATUS Cuv., 1829.  
Caldwell, 1962(2): 417, 421 (W. Atl.)
- PRIACANTHUS BONARIENSIS Cuv., 1829.  
Caldwell, 1962(2): 422.
- PRIACANTHUS BOOPS (Bloch in Schneider)  
Caldwell, 1962(2): 422
- PRIACANTHUS CAROLINUS Lesson, 1826.  
Caldwell, 1962(2): 419.

- PRIACANTHUS CRUENTATUS** (Lac.)  
—Bigeye  
Briggs, 1960(3): 176 (Circumtropical)  
Caldwell, 1962(2): 417, 419 (W. Atl.)
- PRIAPICHTHYS ANNECTENS** (Regan)  
Rosen & Mendelson, 1960(3): 204  
(Sensory canals)
- PRIETELLA** Carranza, 1954.  
Uyeno & Miller, 1962(2): 340-341.
- PRIONACE GLAUCA** (Linn.)  
—Great Blue Shark, Mako.  
Backus, 1957(3): 247 (N.W. Atl.)  
Strasburg, 1959(3): 245.  
Briggs, 1960(3): 173 (Circumtropical)  
Scattergood, 1962(2): 462.  
Hess, 1962(3): 654 (N. Atl.)  
Strasburg, 1963(1): 38. (Tooth replacement)  
Tortonese, 1964(1): 100 (Med.).
- PRIONOTUS CAROLINUS** Linn.  
—Sea-robins  
Moulton, 1958(3): 234 (Summer silence)
- PRIONOTUS EVOLANS** Linn.  
—Sea-robins  
Moulton, 1958(3): 234 (Summer silence)
- PRIONOTUS SCITULUS SCITULUS**  
Jordan & Gilbert—Atlantic  
Slender Sea-robin  
Massmann, 1957(2): 157 (Ches. Bay)
- PRIONOTUS TRIBULUS TRIBULUS**  
Cuv. & Val.—Atlantic Bighead  
Sea-robin  
Massmann, 1957(2): 157 (Ches. Bay)  
Breder, 1962(2): 460 (Effects of hurricane).
- PRISTIGASTER** Cuv., 1817.  
Myers, 1956(1): 63 (Tax.)
- PRISTIGASTER AMERICANUS**  
Guérin-Méneville  
Myers, 1956(1): 64 (Syn.)
- PRISTIGASTER CAYANUS** Cuv., 1829.—S. A. Fresh-water  
Herring  
Myers, 1956(1): 64 (Tax.)
- PRISTIGASTER MARTII** Agassiz, 1829.  
Myers, 1956(1): 64 (Syn.)
- PRISTIGASTER MARTIUSI** [Myers].  
Myers, 1956(1): 64 (Tax.)
- PRISTIGENYS** Agassiz  
Caldwell, 1962(2): 419.
- PRISTIOPHORIDAE**  
Gilbert & Oren, 1964(3): 534 (No nictitans)
- PRISTIS MICRODON** Latham  
—Sawfish  
Gunter, 1957(1): 13 (In fresh water)
- PRISTIS PECTINATUS** Latham  
Gunter, 1957(1): 13 (In fresh water - Panama)
- PROFUNDULUS** Hubbs, 1924.  
Uyeno & Miller, 1962(3): 520, 528.
- PROFUNDULUS CANDALARIUS** Hubbs  
Uyeno & Miller, 1962(3): 522.
- PROFUNDULUS GUATEMALENSIS** (Günther)  
Uyeno & Miller, 1962(3): 522.
- PROFUNDULUS HILDEBRANDI** Miller  
Uyeno & Miller, 1962(3): 522
- PROFUNDULUS LABIALIS** (Günther)  
Uyeno & Miller, 1962(3): 522.
- PROFUNDULUS PUNCTATUS** (Günther)  
Uyeno & Miller, 1962(3): 522.
- PROGASTROMYZON GRISWOLDI**  
Inger & Chin, 1961(2): 167  
(Borneo)
- PROGNATHODES ACULEATUS** (Poey)  
Randall, 1961(1): 54 (West Indies)
- PROGNICHTHYS GIBBIFRONS** (Val.)  
Orton, 1964(1): 147 (Eggs)
- PROMETHICHTHYS PROMETHEUS** (Cuv. & Val.)  
Grey, 1960(3): 213-214 (W. Atl. & Hawaii)  
Rathjen, 1960(4): 357 (East Coast of U.S.)
- PROMICROPS ITAIARA** (Lichtenstein)—Jewish  
Walters, 1955(2): 146.
- PROPTERYGIA** Otto, 1821.  
Chhappgar, 1964(3): 587.
- PROSOPIUM COULTERI** (Eigenm. & Eigenm.)  
Holt, 1960(3): 192.  
Dymond, 1964(1): 14.
- PROSOPIUM CYLINDRACEUM** Pallas—Round Whitefish  
Behnke & Wetzel, 1960(2): 142  
(Conn.)  
Holt, 1960(3): 192.  
Dymond, 1964(1): 19.
- PROSOPIUM OREGONIUM**  
(Jordan & Snyder)  
Holt, 1960(3): 192.

- PROSOPIUM QUADRILATERALE  
(Richardson)  
Dymond, 1964(1): 19.
- PROSOPIUM SPILONOTUS (Snyder)  
Holt, 1960(3): 198.
- PROSOPIUM WILLIAMSONI (Girard)  
—Mountain Whitefish.  
Holt, 1960(3): 192 (Comp. morphol.)  
McCleave, 1964(3): 506.
- PROSCOPA Rass, 1961.  
Gutherz, 1964(1): 234 (Syn.)
- PROSCOPA STILBIA Rass, 1961.  
Gutherz, 1964(1): 234 (Syn.)
- PROTOLOPHOTUS Walters, 1957.  
Walters, 1957(1): 60 (Oligocene - Iran)
- PROTOLOPHOTUS ELAMI (Arambourg)  
Walters, 1957(1): 60.
- PROTOMYCTOPHUM Fraser-Brunner —(Electrona subgenus)  
Wisner, 1963(1): 24.
- PROTOMYCTOPHUM (Fraser-Brunner)  
Wisner, 1963(1): 24.
- PROTOMYZON BORNEENSIS  
Inger & Chin, 1961(2): 167 (Borneo)
- PROTOMYZON WHITEHEADI  
Inger & Chin, 1961(2): 167 (Borneo)
- PROTOSYNGNATHUS von der Marck  
DeBeaufort, 1964(1): 64.
- PROTOTROCTES Günther  
Berry, 1964(2): 377 (Upper Jaw Bones)
- PSENES ARAFURENSIS Günther  
—Japanese Medusafish.  
Mansueti, 1961(1): 62 (Symbiosis with jellyfish)
- PSENES CYANOPHRYS Val.  
—Blue Eyebrowfish.  
Mansueti, 1963(1): 62 (Symbiosis with jellyfish)
- PSENES MACULATUS Lütken  
—Silver Driftfish.  
Mansueti, 1963(1): 62 (Symbiosis with jellyfish)
- PSENES WHITELEGGI Waite  
—Whiteleg's Eyebrowfish.  
Mansueti, 1963(1): 62 (Symbiosis with jellyfish)
- PSETTICHTHYS MELANOSTICTUS  
Girard  
Batts, 1964(4): 669 (Lepidology)
- PSEUDAPHIA Iijin, 1930.  
Tortonese, 1964(1): 101 (Med.)
- PSEUDECHENEIS SULCATUS  
(McClelland)  
Saxena, 1961(4): 471 (Adhesive apparatus)  
Saxena, 1962(3): 656 (Pelvic girdle & fin)
- PSEUDOGRAMMA Bleeker  
Gosline, 1961(3): 266.
- PSEUDOMONACANTHUS AMPHI-OXYS (Cope, 1870)  
Randall, 1964(2): 359 (Syn.)
- PSEUDOMONACANTHUS MELANOIDES Ogilby, 1908.  
Randall, 1964(2): 353 (Syn.)
- PSEUDOMONACANTHUS MULTIMACULATUS  
Regan, 1902.  
Randall, 1964(2): 340, 346 (Syn.)
- PSEUDOMONACANTHUS PULLUS  
(Raszani, 1842)  
Randall, 1964(2): 359 (Syn.)
- PSEUDOMONACANTHUS PUNCTULATUS Regan, 1902.  
Randall, 1964(2): 340 (Syn.)
- PSEUDOPENTACEROS  
RICHARDSONI (Smith)  
—Boar Fish.  
Welander, Johnson & Hajny, 1957(3): 244 (N. Pac.)
- PSEUDOPERILAMPUS Bleeker  
Holcik & deWit, 1962(2): 389.  
Holcik & deWit, 1964(1): 163.
- PSEUDOPLEURONECTES AMERICANUS (Walbaum)  
—Winter Flounder)  
Dawson, 1962(1): 139 (Coloration)
- Eisler, 1963(2): 275 (Partial albinism & ambicoloration)  
Williams, Richards & Farnworth, 1964(1): 243.
- PSEUDOPRIACANTHUS Bleeker  
Caldwell, 1962(2): 419.
- PSEUDOPRIACANTHUS ALTUS (Gill) —Short Bigeye.  
Scattergood & Coffin, 1957(2): 156 (Gulf of Maine)
- Morrow, 1957(3): 241 (Long Isl. Sound)
- Caldwell, 1962(2): 417, 419 (W. Atl.)
- Collette, 1963(3): 591 (Caribbean Sea)



PSEUDOSTEGOPHILUS SCARIFICATOR

Kelley & Atz, 1964(4): 702.

PSEUDOTRIAKIDAE

Gilbert & Oren, 1964(3): 534 (No nictitans)

PSEUDOTROPHENS FUSCUS

Trewavas

Kosswig, 1963(2): 242

(Speciation)

PSEUDOXIPHOPHORUS BIMACULATUS (Heckel)

Rosen & Mendelson, 1960(3): 204 (Sensory canals)

Rosen & Tucker, 1961(2): 202 (Sex behavior in viviparous fishes)

Gordon & Rosen, 1962(2): 368 (Mexico)

PSEUDUPENEUS GRANDISQUAMIS (Gill)

Klawe, 1964(4): 712-713.

PTEROIS Cuv.

Breder, 1963(4): 698 (Defense behavior)

PTEROIS VOLITANS (Linn.)

—Lion Fish

Ray & Coates, 1958(3): 235 (Poisoning by)

Steinitz, 1959(2): 158 (Venom - Red Sea)

Hinton, 1962(4): 842.

PTEROLAMIOPS LONGIMANUS

(Poey)—White-tipped Shark.

Strasburg, 1957(1): 58.

Backus, 1957(3): 247 (N.W. Atl.)

Strasburg, 1963(1): 38 (Tooth replacement)

Strasburg, 1959(3): 245.

Bartlett & Backus, 1962(4): 846.

PTEROPHRYNE Gill

Orton, 1955(3): 214.

PTEROPHYLLUM Heckel

Bronson & Moore, 1962(1): 87 (Acoustico-lateralis syst.)

PTEROPLATEA Müll. & Henle

—Rays

Daiber, 1959(1): 74.

LaMarca, 1963(3): 594 (Embryos)

PTEROTHRISIDAE

Berry, 1964(2): 377 (Upper Jaw Bones)

PTEROTHRISUS Hilgendorf

Berry, 1964(2): 377 (Upper Jaw Bones)

PTEROTHRISUS OWSTONI

(Owston Cat.)

Grey, 1963(2): 457.

PTYCHOCHEILUS LUCIUS Girard

—Colorado Squawfish

Miller, 1963(1): 1 (Arizona)

PTYCHOCHEILUS OREGONENSIS

(Richardson)—Northern Squawfish.

Weisel, 1958(2): 86 (Pituitary on frogs)

Northcote & Hartman, 1959(2): 157 (Br. Col.)

Patten, 1960(1): 71 (Wash.)

Krueger, 1961(4): 447.

PTYCHOSTOMUS CONGESTUS

Girard

Robins & Raney, 1957(2): 155 (Tax.)

PTYCHOSTOMA HAYDENI

Girard, 1856.

Robins & Raney, 1957(2): 154 (Tax.)

PUNGITIUS HAYNESI David, 1945.

—Stickleback

Uyeno & Miller, 1962(3): 529 (Fossil)

PUNGITIUS PLATYGASTER

(Kessler)

Slastenenko, 1955(3): 234 (Black Sea)

PUNGITIUS PUNGITIUS (Linn.)

—Ninespine Stickleback.

Scott, 1955(1): 56 (Newf.)

Behnke & Wetzel, 1960(2): 143 (Conn.)

PUNTIUS Hamilton

Silas, 1956(3): 194 (Tax.)

DeBeaufort, 1964(1): 64.

PUNTIUS EUGRAMMUS Silas

Silas, 1956(3): 194 (New name for Barbus fasciatus Bleeker)

PUNTIUS FASCIATUS (Jerdon)

Silas, 1956(3): 194.

PUNTIUS MELANAMPYX Day, 1865

Silas, 1956(3): 194 (Tax.)

PYGIDIIDAE

Kelley & Atz, 1964(4): 702.

PYGOSTEUS Gill

Reisman, 1963(1): 191 (Reproductive behavior)

PYLODICTIS OLIVARIS (Raf.)

—Flathead Catfish.

Hubbs & Hubbs, 1958(4): 306 (Mex.)

Robinson, 1959(3): 255 (Lower Rio Grande)

Ferguson, 1961(4): 392 (Miss.)

Uyeno & Miller, 1962(2): 341

(Pleistocene - Texas)

Sneed & Clemens, 1963(4): 607 (Testes)

## Q

- QUIETULA Jordan & Evermann, 1895.  
Barlow, 1961(4): 424.  
QUINQUARIUS Jordan.  
Welander, Johnson & Hajny,  
1957(3): 245 (Tax.)  
QUINQUARIUS CAPENSIS (Cuv. & Val.)  
Welander, Johnson & Hajny,  
1957(3): 245.  
QUINTANA ATRIZONA Hubbs.  
Rosen & Tucker, 1961(2): 202 (Sex  
behavior in viviparous fishes)

## R

- RACHYCENTRIDAE  
Briggs, 1960(3): 178.  
RACHYCENTRON CANADUS (Linn.)  
—Cobia, Crabeater.  
Gunter, 1957(1): 13 (Marine fishes  
in fresh water)  
Mather & Gibbs, 1957(3): 243  
(N. Atl.)  
Briggs, 1960(3): 178 (Circum-  
tropical)  
Tortonese, 1964(1): 100.  
RACOVITZIA Dollo, 1904.  
DeWitt, 1964(3): 497 (Tax.)  
RACOVITZIA GLACIALIS Dollo,  
1904.  
DeWitt, 1964(3): 498 (Syn.)  
RACOVITZIA Dollo, 1900.  
DeWitt, 1964(3): 496-497. (Re-  
vision)  
RACOVITZIA GLACIALIS Dollo,  
1900.  
DeWitt, 1964(3): 496-497.  
(Antarctic)  
RACOVITZIA HARRISSONI (Waite).  
DeWitt, 1964(3): 496, 498 (Syn. -  
New Zealand)  
RACOVITZIA INFUSCIPINNIS  
DeWitt, 1964.  
DeWitt, 1964(3): 497, 502 (Ant-  
arctic)  
RADIICEPHALIDAE  
Walters, 1963(2): 456 (Tax.)  
RADIICEPHALUS ELONGATUS  
Osario, 1917.  
Walters, 1963(2): 456. (Tax.)  
RAJA Linn.  
Tortonese, 1964(1): 100 (Medi-  
terranean)  
RAJA ASTERIAS Müll. & Henle.  
Tortonese, 1964(1): 101 (Med.)  
RAJA CLAVATA Linn.  
Tortonese, 1964(1): 103 (Med.)  
RAJA EGLANTERIA Mitchell  
—Winter Skate.  
Daiber, 1960(3): 258 (Age deter-  
mination)  
Hess, 1961(2): 239 (Food)  
Sindermann & Honey, 1964(1): 139  
(Serum hemagglutinin)  
RAJA ERINACEA Mitchell—Skate.  
Daiber, 1960(3): 258.  
Hess, 1961(2): 239.  
RAJA FULLONICA Linn.  
Tortonese, 1964(1): 103 (Med.)  
RAJA FUSCA Garman —Japanese  
Black Skate.  
Daiber, 1960(3): 258.  
RAJA LAEVIS Mitchell—Barndoor  
Skate.  
Backus, 1957(3): 246 (Food of  
shark)  
RAJA POLYSTIGMA Regan.  
Tortonese, 1964(1): 101 (Med.)  
RANEYA Robins, 1961.  
Robins, 1961(2): 212.  
RANEYA FLUMINENSIS (Miranda  
Ribeiro)  
Robins, 1961(2): 213 (Brazil)  
RANZANIA Nardo  
Strasburg & Marr, 1961(2): 228  
(Color phase)  
RANZANIA LAEVIS LAEVIS  
(Pennant)—Slender Mola.  
Briggs, 1960(3): 178 (Circum-  
tropical)  
Sherman, 1961(4): 467 (Early de-  
velop.)  
RANZANIA LAEVIS MAKUA Jenkins.  
Sherman, 1961(4): 470.  
RANZANIA MAKUA Jenkins.  
Sherman, 1961(4): 467.  
RANZANIA TRUNCATA (Retzius)  
Sherman, 1961(4): 467.  
RASBORA Bleeker.  
DeBeaufort, 1964(1): 64.  
REGALICIDAE  
Briggs, 1960(3): 176.  
REGALECUS GLENE (Ascanius)  
—Oarfish.  
Bullis & Arnold, 1956(3): 191  
(Gulf of Mexico)  
Briggs, 1960(3): 176 (Circum-  
tropical)  
Springer, 1961(4): 481 (Tampa  
Bay, Fla.)  
REINHARDTIUS HIPPOGLOSSOIDES  
(Walbaum)—Greenland Halibut  
Gordon & Backus, 1957(1): 19  
(Labrador)  
Boyar, 1964(1): 232 (Gulf of Maine)

- RELICTOGOBIOUS Pichelina, 1939.  
Slastenenko, 1955(3): 234.
- REMILEGIA AUSTRALIS (Bennett)  
Briggs, 1960(3): 178 (Circum-tropical)
- REMORA AUSTRALIS (Bennett)  
—Whale Sucker.  
Massmann, 1957(2): 157 (Ches. Bay)
- REMORA REMORA (Linn.)—Remora.  
Strasburg, 1957(1): 58 (Respiration)  
Strasburg, 1959(3): 244 (Diet)  
Briggs, 1960(3): 178 (Circum-tropical)  
Springer, 1961(4): 482 (Tampa Bay, Fla.)
- REMORINA ALBESCENS (Temminck & Schlegel)—Manta sucker.  
Briggs, 1960(3): 178 (Circum-tropical)
- REMOROPSIS BRACHYPTERUS (Lowe)—Gray Marlinsucker  
Strasburg, 1959(3): 244 (Diet)  
Briggs, 1960(3): 178 (Circum-tropical)  
Strasburg, 1964(1): 228. (Symbiosis)
- REMOROPSIS PALLIDUS (Schlegel)  
Strasburg, 1959(3): 244 (Diet)  
Strasburg, 1964(1): 228 (Symbiosis)
- RETROPINNA Gill  
Cohen, 1958(2): 134.
- REXEA SOLANDERI (Cuv. & Val.)  
Grey, 1960(3): 212 (Japan - solandri)
- RHAMDIA Bleeker.  
Hubbs & Miller, 1960(2): 101.
- RHAMDIA GUATEMALENSIS (Günther)  
Hubbs & Miller, 1960(2): 107 (Guatemala)
- RHECTOGRAMMA SHERBOURNI  
Gibbs & Aron, 1960(2): 139 (Pac. O.)
- RHIGOPHILA DeWitt, 1962.  
DeWitt, 1962(4): 820 (Antarctica)
- RHIGOPHILA DEARBORNI DeWitt, 1962.  
DeWitt, 1962(4): 820 (Antarctica)
- RHINCODONTIDAE  
Gilbert & Oren, 1964(3): 534 (No nictitans)
- RHINEASTES ARCUATUS Cope  
Uyeno & Miller, 1962(2): 340.
- RHINEODON TYPUS Smith—Whale Shark.  
Baughman, 1955(1): 54 (Oviparity - Texas)  
Reid, 1957(2): 157 (External morphology - Texas)  
Briggs, 1960(3): 173 (Circum-tropical)
- RHINEODONTIDAE  
Briggs, 1960(3): 173.
- RHINICHTHYS Agassiz  
Weisel & McLaury, 1964(4): 687 (Ore.)
- RHINICHTHYS ATRATULUS ATRATULUS (Hermann)—Blacknose Dace.  
Schwartz, 1958(2): 141 (Breeding behavior)  
Behnke & Wetzel, 1960(2): 142 (Conn.)  
Verheijen, 1963(1): 175 (Alarm substance)  
Knapp, et al, 1963(2): 455 (Md.)
- RHINICHTHYS ATRATULUS MELEAGRIS Agassiz—Western Blacknose Dace.  
Reed, 1955(3): 240 (Trematode parasite)  
Schwartz, 1958(2): 141 (Breeding behavior)  
Reed, 1959(2): 162 (N. W. Pa.)
- RHINICHTHYS ATRATULUS OBTUSUS Agassiz—Southern Blacknose Dace.  
Schwartz, 1958(2): 141 (Breeding behavior)
- RHINICHTHYS CATARACTAE (Val.)  
—Longnose Dace.  
Personius & Eddy, 1955(1): 42 (Little Missouri R.)  
Reed, 1959(2): 160 (N. W. Pa. - Age, growth, food of)  
Robinson, 1959(3): 255 (Lower Rio Grande)  
Patten, 1960(1): 72 (Wash.)  
Behnke & Wetzel, 1960(2): 142 (Conn.)  
McCleave, 1964(3): 507.
- RHINICHTHYS FALCATUS  
—Columbia River Dace.  
Patten, 1960(1): 72 (Wash.)
- RHINICHTHYS OSCULUS (Girard)  
—Speckled Dace.  
Patten, 1960(1): 72 (Wash.)  
Miller, 1963(1): 5 (Arizona)  
John, 1963(2)M 286 (Reproductive cycle, Arizona)  
Deacon et al, 1964(2): 335 (Nev.)
- RHINICHTHYS OSCULUS THERMALIS (Hubbs & Kuhne)  
John, 1963(2): 289 (Spawn)
- RHINOBATUS Linck  
Tortonesi, 1964(1): 100 (Med.)
- RHINOBOBIOPS NICHOLSII (Bean)  
—Crested Goby.  
Limbaugh, 1962(3): 552.

- RHINOMUGIL CORSULA (Hamilton)  
Myers, 1960(1): 67 (Tropics)
- RHINOPTERA BONASUS (Mitchell,  
1815)—Cownose Ray.  
Schwartz, 1959(3): 251 (Ches.  
Bay, Md.)  
Joseph, 1961(4): 482 (Albino)
- RHINOPTERA MARGINATA Cuv.  
Tortonese, 1964(1): 102 (Med.)
- RHIZOSTOMA PULMO (Macri)  
Mansueti, 1963(1): 52. (Symbio-  
sis with fish)
- RHODEUS AMARUS Bloch, 1783  
Holcik & de Wit, 1962(2): 378.
- RHODEUS OCELLATUS OCELLA-  
TUS Kner, 1867.  
Holcik & de Wit, 1962(2): 377  
(Hybrids).  
Holcik & de Wit, 1962(4): 777  
(Hybrids).  
de Wit, 1964(1): 150 (Hybrids)  
de Wit, 1964(1): 156 (Hybrids)  
Holcik & de Wit, 1964(1): 160  
(Aberrant hybrid).
- RHODEUS OCELLATUS SPINALIS  
Holcik & de Wit, 1962(4): 778  
(Taiwan).
- RHODEUS OCELLATUS  $\times$  ACHEIL-  
OGNATHUS LANCEOLATUS  
Holcik & de Wit, 1962(4): 777.  
(Tax. - characteristics).
- RHODEUS ORYZAE  
Holcik & de Wit, 1962(2): 379.
- RHODEUS SERICEUS AMARUS  
(Bloch, 1783).  
Holcik & de Wit, 1962(2): 378.  
Holcik & de Wit, 1962(4): 777.  
Holcik & de Wit, 1964(1): 160  
(Hybrids).
- RHODEUS SERICEUS SERICEUS  
(Pallas, 1776).  
Holcik & de Wit, 1962(2): 378.  
Holcik & de Wit, 1962(4): 777  
(Hybrids).  
Holcik & de Wit, 1964(1): 164.
- RHODEUS SPINALIS (Oshima)  
de Wit, 1964(1): 150 (Hybrids).  
de Wit, 1964(1): 158 (Hybrids).
- RHOMBOCHIRUS OSTEOCHIR  
(Cuvier)—Hardfin Remora  
Strasburg, 1959(3): 244 (Diet)  
Briggs, 1960(3): 178 (Circum-  
tropical)  
Strasburg, 1964(1): 228 (Symbio-  
sis)
- RHOMBOSOLEA Günther  
Follett, McCormick & Best,  
1960(2): 112 (N. Z.)
- RHOMBOSOLEA TAPIRINA Günther  
Eisler, 1963(2): 277. (Coloration)
- RHOMBUS Klein  
Eisler, 1963(2): 277. (Coloration)
- RHOMBUS MAXIMUS (Linn.)  
Slastenenko, 1955(3): 234.
- RHOMNATRACTUS KOCHI Weber.  
De Beaufort, 1964(1): 62 (New  
Guinea).
- RHOPILEMA HISPIDUM (Vanhöffen)  
Mansueti, 1963(1): 57. (Symbiosis  
with fish)
- RHYACICHTHYS ASPRO (Cuv. &  
Val.)  
De Beaufort, 1964(1): 61. (Indo-  
Australian Archipelago)
- RHYNCHOBATUS DJIDENSIS  
(Forsk.)—White-spotted  
Shovelnose Ray  
Chhapgar, 1964(3): 587 (India).
- RICHARDSONIUS BATTEATUS  
BATTEATUS (Richardson)  
—Columbia Redside Shiner  
Northcote & Hartman, 1959(2):  
157 (Br. Col.)  
Patten, 1960(1): 72 (Wash.)  
Weisel, 1961(3): 270 (Anal fin ray  
count)  
Krueger, 1961(4): 447.
- RICHARDSONIUS BATTEATUS  
HYDROPHLOX (Cope)  
Weisel, 1961(3): 270 (Anal fin ray  
count)
- RICHARDSONIUS EGREGIUS (Girard)  
Weisel, 1961(3): 270.
- RIMICOLA MUSCORUM (Meek &  
Pierson)  
Krejsa, 1964(2): 449.
- RIMICOLA SILA Briggs, 1955.  
Briggs, 1960(3): 216 (Guadalupe  
Isl.)
- RIVULUS CYLINDRACEUS Poey  
Harrington & Rivas, 1958(2): 126  
(Tax.)
- RIVULUS MARMORATUS Poey  
Harrington, 1958(1): 2 (Fla.)  
Harrington & Rivas, 1958(2): 125-  
126. (Redescript. & Ecol.)
- ROCCUS (Mitchill, 1814)  
Woolcott, 1957(1): 1 (Comp.  
osteology)  
Branson & Moore, 1962(1): 58  
(Acustico-lateralis syst.)
- ROCCUS AMERICANUS (Gmelin,  
1789)—White Perch.  
Woolcott, 1957(1): 1 (Comp.  
Osteology).  
Behnke & Wetzel, 1960(2): 143 (Conn.)

- ROCCUS AMERICANUS** (continued)  
 Rothschild, 1963(4): 602.
- ROCCUS CHRYSOPS** (Raf., 1820). — White Bass.  
 Woolcott, 1957(1): 1 (Comp. osteology)  
 Kilby, Crittenden & Williams, 1959(1): 77 (Fla. - fresh-water)  
 Branson & Moore, 1962(1): 59, 78. (Acoustico-lateralis syst.)  
 Clemens & Johnson, 1964(2): 390.
- ROCCUS INTERRUPTUS** (Gill, 1860).  
 Woolcott, 1957(1): 1 (Comp. osteology)
- ROCCUS LABRAX** (Linn., 1758)  
 Woolcott, 1957(1): 1 (Comp. osteology)
- ROCCUS LABRUS** (Linn.)  
 Mansueti, 1963(1): 65. (Sym-biosis with jellyfish)
- ROCCUS PUNCTATUS** (Bloch, 1792)  
 Woolcott, 1957(1): 1 (Comp. osteology).
- ROCCUS SAXATILIS** (Walbaum, 1788). — Striped Bass  
 Woolcott, 1957(1): 1 (Comp. osteology)  
 Behnke & Wetzell, 1960(2): 143 (Conn.)  
 Walters, 1960(3): 247.  
 Nursall, 1963(2): 459 (Hypural spine)  
 Mansueti, 1963(3): 551.  
 Engel & Davis, 1964(3): 586 (Rel. between activity & blood comp.).
- ROMANICHTHYS** Dumitrescu, Banarescu & Stoica.  
 Collette, 1963(4): 622 (Tax.).
- ROMANICHTHYS VALSANICOLA** Dumitrescu, Banarescu & Stoica, 1957.  
 Collette, 1963(4): 616, 621.
- RUPISCARTES CUBENSIS** Mowbray, in Breder, 1927.  
 Springer, 1962(2): 433 (Syn. - Cuba).
- RUPISCARTES EQUES** (Steindachner) Fowler, 1926.  
 Cohen, 1956(4): 247 (Tax.)

- RUPISCARTES MACCLUREI** Silvester, 1915.  
 Springer, 1962(2): 433 (Syn. - Puerto Rico)
- RUTILUS FRISI** (Nordman)  
 Slastenenko, 1955(3): 234 (Black Sea)
- RUTILUS PIGUS VIRGO** (Haeckel)  
 Holcik & de Wit, 1962(2): 386.
- RUTILUS RUTILUS CASPICUS** (Jak.)  
 Holcik & de Wit, 1962(2): 386.
- RUVETTUS Cocco**—Oilfish  
 Schultz & Springer, 1956(1): 65.  
 Bartlett & Backus, 1962(4): 846.
- RUVETTUS PRETIOSUS Cocco** —Escolar  
 Briggs, 1960(3): 177 (Circum-tropical)  
 Walters, 1963(2): 270. (Integument)  
 Tortonese, 1964(1): 102 (Med.).
- RYPTICUS** Cuv.  
 Branson & Moore, 1962(1): 29 (Acoustico-lateralis syst.)
- RYPTICUS SAPONACEUS** (Bloch & Schneider)  
 Dawson, 1962(2): 442 (Gulf of Mexico).

**S**

- SACCOBRANCHUS** Cuv. & Val.  
 Das & Saxena, 1956(2): 107.
- SACCOPHARYNX AMPULLACEUS** (Harwood)  
 Orton, 1963(1): 12-13 (Branchial arches).
- SAGITTA SETOSA**  
 Hubbs, 1955(1): 50.
- SAIRIS NIAUS** (sic) Kölliker =  
 SAYRIS HIANIS Raf.  
 Orton, 1964(1): 147.
- SALARIAS ATLANTICUS** Val., in Cuv. & Val., 1836.  
 Springer, 1962(2): 432 (Syn. - Madeira Isl. & Antilles)
- SALARIAS BRASILIENSIS** Sauvage, 1880.  
 Springer, 1963(2): 452 (Locality records)
- SALARIAS CHILIENSIS** Clark, 1938.  
 Cohen, 1956(4): 248.
- SALARIAS EDENTULUS** Bloch & Schneider.  
 Springer, 1962(2): 433 (Tax.).

- SALARIAS EQUES** Steindachner, 1898.  
Cohen, 1956(4): 247 (Tax.)
- SALARIAS FASCIATUS** Bloch, 1786).  
Springer, 1963(2): 452 (Tax.)
- SALARIAS GIGAS** Steindachner, 1876).  
Cohen, 1956(4): 246-247 (Tax.)
- SALARIAS PETERSONI** Fowler, 1940.  
Cohen, 1956(4): 247 (Tax.)
- SALARIAS RUBROPUNCTATUS** Tortonese, 1939 (non Cuv. & Val., 1836).  
Cohen, 1956(4): 247 (Tax.)
- SALINITY TOLERANCES**  
Carpelan, 1961(1): 32.  
Gunter, 1961(2): 234 (Size)
- SALMINUS BRASILIENSIS**  
—Great Dourado  
Myers, 1964(1): 38.
- SALMO Artedi**  
Harrington, 1955(4): 286 (Bones)  
Cahn & Shaw, 1962(1): 110 (Cupulae)
- SALMO AGUABONITA** (Jordan)  
—California Golden Trout  
Needham & Gard, 1964(1): 172.
- SALMO CARPIO** Linn.  
Kosswig, 1963(2): 240. (Speciation)
- SALMO CHRYSOGASTER** Needham & Gard, 1964. —Mexican Golden Trout  
Needham & Gard, 1964(1): 169 (Mexico).
- SALMO CLARKI CLARKI** Richardson—Cutthroat Trout  
Allen, 1956(1): 8.  
Lewis, 1961(1): 117.  
Slater, 1961(2): 158 (Radioactive zinc)  
Behnke, Koh & Needham, 1962(2): 405.  
Dymond, 1964(1): 17 (Canada).  
Mc Cleave, 1964(3): 506.
- SALMO CLARKI LEWISI** (Girard)  
—Yellowstone Cutthroat Trout  
Benson, 1958(3): 239 (Hermaproditism)  
Dymond, 1964(1): 21 (Canada).
- SALMO FORMOSANUS** Jordan & Oshima, 1919.  
Behnke, Koh & Needham, 1962(2): 400 (Formosa - syn.)
- SALMO GAIRDNERI GAIRDNERI**  
Richardson—Rainbow Trout, Stealhead Trout  
Duwe, 1955(2): 93 (Gas bladder)  
John, 1956(2): 117.  
Maxfield, 1958(3): 232 (Three pelvic fins)  
Hartman, 1958(3): 233 (Mouth size)  
Wahl, 1960(1): 17.  
Behnke & Wetzel, 1960(2): 142 (Conn.)  
French, 1960(3): 247 (Anomalous caudal & pelvic fins)  
Northcote & Paterson, 1960(3): 248 (Pyloric caeca & length)  
Allen & Sanger, 1960(3): 260 (Fecundity)  
Slater, 1961(2): 158 (Radioactive zinc)  
Behnke, Koh & Needham, 1962(2): 405.  
Miller, 1963(1): 4. (Arizona.)  
Egami, 1963(3): 593 (Anal fin rays)  
Dymond, 1964(1): 4, 21. (Canada).  
Clemens & Johnson, 1964(2): 390.  
Mc Cleave, 1964(3): 506.  
Weisel & Mc Laury, 1964(4): 687 (Ore.)
- SALMO GAIRDNERI IRIDEUS**  
Gibbons—Rainbow Trout  
Weinreb & Bilstad, 1955(3): 194 (Digestive tract)
- SALMO GAIRDNERI KAMLOOPS**  
Dymond, 1964(1): 21 (Canada).  
Mc Cleave, 1964(3): 507.
- SALMO GILAE** Miller, 1950.  
—Gila Trout  
Needham & Gard, 1964(1): 172.
- SALMO ISCHCHAN** Kessl.  
Kosswig, 1963(2): 240. (Speciation - Lake Sevan)
- SALMO LETRICA**  
Kosswig, 1963(2): 240. (Speciation - Lake Ohrid)
- SALMO MACROSTOMUS** Günther, 1880.  
Behnke, Koh & Needham, 1962(2): 404.
- SALMO MASOU** Brevoort, 1856.  
Behnke, Koh & Needham, 1962(2): 404 (Syn.)
- SALMO ORIENTALIS** Pallas  
Behnke, Koh & Needham, 1962(2): 404 (Syn.)
- SALMO SALAR SALAR** Linn.  
—Atlantic Salmon



**SALMO SALAR SALAR** (continued)

- Morrow, 1957(3): 240 (Long Isl. Sound)  
 Wahl, 1960(1): 17.  
 Behnke & Wetzel, 1960(2): 142 (Conn.)  
 Northcote & Paterson, 1960(3): 249.  
 Warner, 1961(4): 483 (Longevity record)  
 Warner, 1962(1): 131 (Spawning run, Maine)  
 Behnke, Koh & Needham, 1962(2): 405.  
 Dymond, 1964(1): 20 (Canada).  
 Batts, 1964(4): 669 (Lepidology)
- SALMO SALAR SEBAGO** Girard  
 Dymond, 1964(1): 20 (Canada).
- SALMO TRUTTA** (Pallas)  
 —Brown Trout  
 Weinreb & Bilstad, 1955(3): 200.  
 Slastenenko, 1955(3): 234 (Black Sea)  
 Wahl, 1960(1): 17.  
 Webster, 1960(1): 74 (Spotted newt in diet)  
 Behnke & Wetzel, 1960(2): 142 (Conn.)  
 Krueger, 1961(4): 447.  
 Behnke, Koh & Needham, 1962(2): 405.  
 Miller, 1963(1): 4 (Arizona)  
 Kosswig, 1963(2): 240 (Speciation)  
 Deubler & Posner, 1963(2): 310 (Response to low oxygen conc.)  
 McCleave, 1964(3): 506.  
 Batts, 1964(4): 669 (Lepidology).
- SALMONIDAE**  
 Branson & Moore, 1962(1): 55 (Acoustico-lateralis syst.)  
 Cahn & Shaw, 1962(1): 110 (Cupulae).  
 Svetovidov, 1964(1): 129.
- SALVELINUS** Richardson  
 Kosswig, 1963(2): 240. (Speciation)
- SALVELINUS ALIPES** (Richardson, 1835).  
 Dymond, 1964(1): 18 (Canada).
- SALVELINUS ALPINUS** (Linn.)  
 —Arctic Charr  
 Wohlschlag, 1956(4): 240.  
 Gordon & Backus, 1957(1): 17.  
 Thompson, 1959(4): 345 (Fecundity - Alaska)  
 Wahl, 1960(1): 16 (Tax. - chromosomes)  
 Northcote & Paterson, 1960(3): 249.  
 Ryder, 1961(3): 359 (First Ontario Record)

**SALVELINUS ALPINUS** (continued)

- Dymond, 1964(1): 18, 21 (Canada).
- SALVELINUS ALPINUS MALMA** (Walbaum)  
 Dymond, 1964(1): 21 (Canada).
- SALVELINUS ARCTURUS** (Günther, 1877).  
 Dymond, 1964(1): 18 (Canada).
- SALVELINUS AUREOLUS** Bean  
 Northcote & Paterson, 1960(3): 249.  
 Dymond, 1964(1): 18.
- SALVELINUS FONTINALIS** (Mitchill)  
 —Eastern Brook Trout  
 Allen, 1956(1): 1 (Wyo. - age & growth).  
 Gordon & Backus, 1957(1): 17 (Labrador)  
 Wahl, 1960(1): 16 (Tax. - chromosomes)  
 Webster, 1960(1): 74 (Poisoned by spotted newt)  
 Sawyer, 1960(2): 137 (N.H.)  
 Behnke & Wetzel, 1960(2): 142 (Conn.)  
 Wohlschlag, 1961(1): 15.  
 Slater, 1961(2): 158 (Radioactive zinc)  
 Ryder, 1961(3): 359.  
 Perlmutter & Antopol, 1963(1): 166. (Effect of Neotetrazolium)  
 Dymond, 1964(1): 18.  
 Hartman, Merrell & Painter, 1964(2): 366.  
 McCleave, 1964(3): 506.
- SALVELINUS FONTINALIS HUDSONIUS** (Suckley)  
 Dymond, 1964(1): 21 (Canada).
- SALVELINUS HEARNEI** (Richardson, 1823).  
 Dymond, 1964(1): 18 (Canada).
- SALVELINUS MALMA** (Walbaum)  
 —Charr  
 Wohlschlag, 1956(4): 240.  
 Northcote & Peterson, 1960(3): 249.  
 Dymond, 1964(1): 18.
- SALVELINUS MARSTONI** (Garman, 1893)  
 Dymond, 1964(1): 18 (Canada).
- SALVELINUS MARSTONI CAVANAGHI** Vladykov, 1957.  
 Dymond, 1964(1): 21 (Canada).
- SALVELINUS MARSTONI INTERMEDIUS** Vladykov, 1957  
 Dymond, 1964(1): 21 (Canada).
- SALVELINUS NAMAYCUSH** (Walbaum)—Lake Trout  
 Williams, 1959(1): 20 (ovary weight)

- SALVELINUS NAMAYCUSH** (continued)  
 Wahl, 1960(1): 16 (Chromosome morph.)  
 Behnke & Wetzel, 1960(2): 142 (Conn.)  
 Vincent, 1963(1): 188. (Montana)  
 Dymond, 1964(1): 18.
- SALVELINUS NARESI** (Günther, 1877).  
 Dymond, 1964(1): 18 (Canada).
- SALVELINUS NITIDUS** (Richardson, 1835).  
 Dymond, 1964(1): 18 (Canada).
- SALVELINUS OQUASSA** (Girard)  
 Dymond, 1964(1): 18.
- SALVELINUS ROSSII** (Richardson, 1835).  
 Dymond, 1964(1): 18 (Canada).
- SANDARIA MALAYENSIS** Goette  
 Mansueti, 1963(1): 62. (Symbiosis with fish)
- SANDAT** Cloquet, 1827.  
 Collette, 1963(4): 616 (Syn.)
- SANDER** Oken, 1817  
 Collette, 1963(4): 616 (Tax.)
- SANDRUS** Stark, 1828.  
 Collette, 1963(4): 616 (Syn.)
- SARDA CHILIENSIS** (Cuv.)  
 —Pacific Bonito  
 Quast, 1964(2): 448 (Coastal Alaska).
- SARDA LINEOLATA** (Girard)  
 —Bonito  
 Fast, 1957(3): 239.
- SARDA SARDA** (Bloch)  
 —Atlantic Bonito  
 Slattenenko, 1955(3): 233 (Black Sea)  
 Scattergood & Coffin, 1957(2): 156 (Gulf of Maine)  
 Mather & Gibbs, 1957(3): 243 (N. Atl.)  
 Tortonese, 1964(1): 100 (Med.)
- SARDINA** Poey  
 Gunter & Demoran, 1961(1): 40.  
 Svetovidov, 1964(1): 120.
- SARDINA PILCHARDUS PILCHARDUS** (Linn.)  
 Tortonese, 1964(1): 104 (Atlantic O.)  
 Lasker, 1964(2): 403 (Incubation time)
- SARDINA PILCHARDUS SARDINA** Risso, 1826.  
 Tortonese, 1964(1): 104 (Med.).
- SARDINELLA** Cuv. & Val.  
 Dehadrai, 1960(2): 125 (India)  
 Tortonese, 1964(1): 100 (Med.)  
 Svetovidov, 1964(1): 120.
- SARDINELLA ANCHOVIA** (Cuv. & Val.)  
 Bardach, Winn & Menzel, 1959(2): 134.  
 Tortonese, 1964(1): 100.
- SARDINELLA AURITA** (Cuv. & Val.)  
 Tortonese, 1964(1): 100 (Med.)
- SARDINELLA GRANIGERA** Cuv. & Val.  
 Tortonese, 1964(1): 102 (Med.)
- SARDINELLA MADERENSIS** Lowe, 1836  
 Tortonese, 1964(1): 102 (Med.)
- SARDINOPS** Hubbs, 1929.  
 Svetovidov, 1964(1): 120.  
 Berry, 1964(1): 377 (Upper Jaw Bones)
- SARDINOPS CAERULEA** (Girard)  
 —Pacific Sardine  
 Oppenheimer, 1955(1): 45 (Effects of antibiotics on pelagic eggs)  
 Dehadrai, 1960(2): 126.  
 Farris, 1963(1): 182 (Reprod. periodicity, Pacific Coast).  
 Farris, 1963(1): 185 (Shrinkage of larvae in buffered formalin)  
 Lasker, 1964(2): 399 (Temp. effects - growth)
- SARDINOPS MELANOSTICTA** (Temminck & Schlegel)  
 Lasker, 1964(2): 403. (Incubation time)
- SARDINOPS SAGAX** (Jenyns)  
 Svetovidov, 1964(1): 124.
- SARTOR** Myers & Carvalho, 1959  
 Myers & Carvalho, 1959(2): 148 (Cent. Brazil)
- SARTOR RESPECTUS** Myers & Carvalho, 1959.  
 Myers & Carvalho, 1959(2): 149 (Cent. Brazil)
- SATAN** Hubbs & Bailey, 1947.  
 Uyeno & Miller, 1962(2): 340.
- SAURENCHELYS** Peters  
 Orton, 1964(2): 441.
- SAURIDA BRASILIENSIS** Norman  
 Gibbs, 1959(3): 232 (Postlarvae - Gulf of Mexico)
- SAURIDA CARIBBEA** Breder  
 Gibbs, 1959(3): 232 (Postlarvae)
- SAURIDA NORMANI** Longley  
 Gibbs, 1959(3): 232 (Postlarvae - Gulf of Mexico)

- SAURIDA SUSPICIO Breder  
Gibbs, 1959(3): 232 (Postlarvae - Virgin Isl.)
- SAYRISHIANS Raf.  
Orton, 1964(1): 147.
- SCAPANORHYNCHIDAE  
Gilbert & Oren, 1964(3): 534 (No nictitans)
- SCAPHIRHYNCHUS Heckel  
—River Sturgeon  
Personius & Eddy, 1955(1): 41 (Little Missouri River)
- SCAPHIRHYNCHUS ALBUM (Forbes & Richardson)  
—Pallid Sturgeon  
Brown, 1955(1): 55 (Record-size, Montana)  
Smith & Bridges, 1960(3): 253 (Ill.)
- SCAPHIRHYNCHUS PLATORHYNCHUS (Raf.)—Shovelnose  
Brown, 1955(1): 55 (Montana = S. album)  
Chermock, 1955(2): 154 (Alabama)
- SCARIDAE—Parrotfishes  
Randall, 1961(2): 238.  
Randall, 1963(2): 225. (Systematics)
- SCAROPS Schultz, 1958.  
Briggs, 1964(4): 708.
- SCAROPS PERRICO Jordan & Gilbert  
Briggs, 1964(4): 708. (Pacific O.)
- SCAROPS RUBROVIOLEACEUS (Bleeker)  
Briggs, 1964(4): 707 (Transpacific shore)
- SCARTELLA Jordan  
Krejsa, 1960(4): 332.
- SCARTELLA ATRIMANA sensu Clark, 1936.  
Krejsa, 1960(4): 326 (Syn.)
- SCARTELLA BREVIPINNIS (Günther)  
Krejsa, 1960(4): 331 (Syn.)
- SCARTICHTHYS Jordan & Evermann (emend Norman, 1943).  
Cohen, 1956(4): 246 (Tax.)
- SCARTICHTHYS EQUES (Steindachner) Abbott, 1899.  
Cohen, 1956(4): 247 (Tax.)
- SCARTICHTHYS GIGAS (Steindachner) Abbott, 1899.  
Cohen, 1956(4): 247 (Tax.)
- SCARTICHTHYS PETERSONI (Fowler) Norman, 1943.  
Cohen, 1956(4): 248 (Tax.)
- SCARTICHTHYS VIRIDIS  
Cohen, 1956(4): 248.
- SCARUS Gronovius  
Norris & Prescott, 1959(3): 276.
- SCARUS BRACHYVARIUS Longley (nom. nud.)  
Randall, 1963(2): 234. (Syn.)
- SCARUS COLESTINUS Val.  
—Midnight Parrotfish  
Randall, 1963(2): 225. (Sexual dichromatism)
- SCARUS COERULEUS (Bloch)  
—Blue Parrotfish  
Randall, 1963(2): 233.
- SCARUS CROICENSIS Bloch  
Randall, 1963(2): 225. (Sexual dichromatism)
- SCARUS FRENATUS Lac.  
Randall, 1963(2): 225. (Sexual dichromatism - W. Indian Ocean)
- SCARUS GUACAMAIA Cuv.  
Randall, 1963(2): 225. (Sexual dichromatism)
- SCARUS OVICEPS Val.  
Randall, 1963(2): 225. (Sexual dichromatism - Tahiti)
- SCARUS PECTORALIS Val.  
Randall, 1963(2): 225. (Sexual dichromatism - Red Sea)
- SCARUS PERSPICILLATUS Steindachner  
Gosline, 1961(3): 267 (Caudal skeleton)  
Randall, 1963(2): 228. (Hawaii)
- SCARUS PUNCTULATUS Val.  
Randall, 1963(2): 228.
- SCARUS RANDALLI Schultz  
Randall, 1963(2): 227. (Pacific Ocean)
- SCARUS SEXVITTATUS Rüppell  
Randall, 1963(2): 225. (Sexual dichromatism - Red Sea)
- SCARUS SORDIDUS Forskal  
Randall, 1963(2): 228 (Indo-Pacific)
- SCARUS SPINIDENS Guichenot (non Quoy & Gaimard).  
Randall, 1963(2): 234. (Syn.)
- SCARUS TAENIOPTERUS Desmarest  
Randall, 1963(2): 225. (Sexual dichromatism)

- SCARUS VERMICULATUS (Fowler & Bean)  
Randall, 1963(2): 227. (Philip-  
pine Isl.)
- SCATHARUS GRAECUS Cuv. &  
Val.  
Tortonese, 1964(1): 102 (Med.).
- SCHEDOPHILUS MACULATUS  
Günther  
Maul, 1964(1): 94.
- SCHLEDOPHILUS MEDUSOPHAGUS  
Cocco—Medusa Barrelfish  
Mansueti, 1963(1): 60. (Sym-  
biosis with jellyfish)
- SCHILBEODES MIURUS (Jordan)  
—Catfish, Bridled Madtom.  
Schwartz, 1956(4): 250 (Pa -  
parasitized)
- SCHILBEODES MOLLIS (Herr-  
mann)—Tadpole Madtom  
Bond & Bisbee, 1955(1): 56  
(Oregon & Idaho)
- SCHIZOPHALLUS Hubbs  
(Gambusia subgen.)  
Rivas, 1963(2): 333. (Tax.)
- SCHULTZICHTHYS GRACILIS  
Dahl, 1960.  
Kelley & Atz, 1964(4): 702.
- SCIAENA AQUILA (Lac.)  
Trewavas, 1964(1): 111.
- SCIAENA CIRROSA Linn.  
Trewavas, 1964(1): 110.
- SCIAENA DELICIOSA (Tschudi)  
Mc Phail, 1961(1): 28 (Tax.)
- SCIAENA DUBIA Fowler & Bean  
Trewavas, 1964(1): 110 (Syn.).
- SCIAENA FASCIATA Linn., 1754.  
Rendahl, 1958(2): 145-146  
(Tax.)
- SCIAENA FASCIATA (Tschudi)  
Mc Phail, 1961(1): 28 (Tax.)
- SCIAENA SATURNA (Girard)  
Mc Phail, 1961(1): 28 (Tax.)
- SCIAENA UMBRA Linn.  
Trewavas, 1964(1): 107 (Syn.).
- SCIAENIDAE  
Myers, 1960(1): 67.  
Mc Phail, 1961(1): 27.  
Cahn & Shaw, 1962(1): 110  
(Cupulae).  
Schneider, 1962(2): 336  
(Labyrinth).  
Uyeno & Miller, 1962(2): 344  
(Pleistocene - Texas).
- SCIAENOPS OCELLATA (Linn.)  
—Redfish, Red Drum.  
Dawson, 1962(1): 144 (Reversed  
scales).
- SCIAENOPS OCELLATA (continued)  
Ward & Gunter, 1962(2): 440 (Eyes  
of blind specimen - Texas).  
Breder, 1962(3): 460 (Effects of  
hurricane).  
Joseph et al. 1964(2): 432 (Eggs).
- SCLEROPAGES Günther  
De Beaufort, 1964(1): 64 (Paleogene -  
Sumatra; Neogene - Australia)
- SCLEROPAGES FORMOSUS (Müller  
& Schlegel)  
De Beaufort, 1964(1): 63 (Thailand,  
Indochina, Malaya, Sumatra,  
Borneo)
- SCLEROPAGES LEICARDTI  
Günther  
De Beaufort, 1964(1): 64  
(Australia)
- SCOBINICHTHYS Whitley, 1931.  
Randall, 1964(2): 332, 335.
- SCOLIODON LALANDI (Müller &  
Henle)  
Backus, 1957(3): 247.
- SCOLIODON PALASORRAH (Cuv.)  
Yapchiongco, 1963(4): 700  
(Ovoviviparous)
- SCOLIODON TERRAE-NOVAE  
(Richardson)—Sharp-nosed  
Shark  
Backus, 1957(3): 247 (N.W. Atl.)  
Starr & Fosberg, 1957(4): 292  
(Serum - proteins)
- SCOLOPSIS Cuv.  
Akazaki, 1961(4): 437.
- SCOMBER Linn.  
Branson & Moore, 1962(1): 28  
(Acoustico-lateralis syst.)
- SCOMBER FASCIATUS Bl.  
Berry, 1963(3): 583 (Tax.)
- SCOMBER JAPONICUS Houtt.  
Tortonese, 1964(1): 100 (Med.).
- SCOMBER SCOMBRUS Linn.  
—Atlantic Mackerel  
Slastenenko, 1955(3): 233 (Black  
Sea)  
Skerry, 1961(1): 115 (Eastward  
extension)  
Perlmuter, 1962(3): 663 (Preda-  
tion by sea lamprey)  
Mansueti, 1963(1): 64. (Symbiosis  
with jellyfish)  
Joseph et al. 1964(2): 426 (Eggs).
- SCOMBERESOX Lac.  
Orton, 1964(1): 146 (Eggs).
- SCOMBERESOX RONDELETTII Cuv. &  
Val.  
Orton, 1964(1): 147 (Eggs).

- SCOMBERESOX SAURUS (Walbaum)  
Orton, 1957(1): 56 (Embryology)  
Orton, 1964(1): 145 (Eggs).
- SCOMBEROMORUS CAVALLA  
(Cuvier)—King mackerel  
Mather & Gibbs, 1957(3): 243  
(N. Atl.)  
Massmann, 1960(1): 70 (Ches.  
Bay)  
Bartlett & Backus, 1962(4): 846.  
Engel & Davis, 1964(3): 586  
(Rel. between activity &  
blood comp.)
- SCOMBEROMORUS MACULATUS  
(Mitchill)—Spanish Mackerel  
Tortonese, 1964(1): 101 (Med.).  
Engel & Davis, 1964(3): 586  
(Rel. between activity &  
blood comp.)
- SCOMBRIDAE  
Briggs, 1960(3): 177.
- SCOMBROLABRACIDAE Roule,  
1922  
Grey, 1960(3): 212 (Tax.)  
Berry & Rivas, 1962(1): 152.
- SCOMBROLABRAX Roule, 1922.  
Grey, 1960(3): 212 (Tax.)
- SCOMBROLABRAX HETEROLEPIS  
Roule, 1922.  
Grey, 1960(3): 210 (Descrip-  
tion - Gulf of Mexico)
- SCOMBROPIDAE  
Grey, 1960(3): 212 (Tax.)
- SCOPELARCHIDAE  
Briggs, 1960(3): 175.  
Berry, 1964(2): 380 (Upper  
Jaw Bones).
- SCOPELARCHUS ANALIS Brauer  
Briggs, 1960(3): 175 (Circum-  
tropical)
- SCOPELOSAURIDAE  
Berry, 1964(2): 379 (Upper  
Jaw Bones)
- SCOPELOSAURUS Bleeker  
Berry, 1964(2): 379 (Upper  
Jaw Bones)
- SCOPELUS RISSOI Cocco  
Wisner, 1963(1): 27 (Type  
species of *Electrona*)
- SCOPHTALMUS Raf.  
Eisler, 1963(2): 276. (Color-  
ation)
- SCORPAENA DACTYLOPTERA  
Delaroche  
Orton, 1955(3): 213.
- SCORPAENA ELONGATA  
Tortonese, 1964(1): 101 (Med.).

- SCORPAENA GUTTATA Girard  
—California Scorpionfish  
Orton, 1955(3): 210 (Early devel.  
stages)  
Limbaugh, 1962(3): 555.  
Hinton, 1962(4): 842.
- SCORPAENA LOPPEI  
Tortonese, 1964(1): 101 (Med.).
- SCORPAENA PLUMIERI Bloch  
Breder, 1963(4): 698 (Defense  
behavior & Venom)
- SCORPAENA PLUMIERI MYSTES  
Jordan & Starks—Lapón  
Hinton, 1962(4): 842 (Defense  
movements).  
Breder, 1963(4): 698 (Defense  
behavior)
- SCORPAENA PORCUS Linn.  
Orton, 1955(3): 213.
- SCORPAENA SCROFA Linn.  
Orton, 1955(3): 213.
- SCORPAENA USTULATA Lowe  
Orton, 1955(3): 213.
- SCORPAENICHTHYS MARMORATUS  
(Ayres)—Cabezon  
Orton, 1955(2): 144 (Color varia-  
tion of eggs)  
Pillsbury, 1957(3): 251 (Poisonous  
eggs)  
Limbaugh, 1962(3): 555.
- SCORPAENIDAE  
Johnson & Brown, 1962(4): 840.  
Fitch, 1964(3): 525.
- SCORPIDAE  
Randall, 1961(3): 358.
- SCYLIORHINIDAE  
Gilbert & Oren, 1964(3): 534  
(Nictitans)
- SCYLIORHINUS Blainville  
Gilbert & Oren, 1964(3): 534  
(Nictitans)
- SCYLIORHINUS CANICULA Linn.  
Tortonese, 1964(1): 103. (Med.).
- SCYLIORHINUS STELLARIS Linn.,  
1758.  
Tortonese, 1964(1): 103 (Med.).
- SCYLLIUM Müll. & Henle  
Gilbert & Oren, 1964(3): 534  
(Nictitans)
- SCYRIS Cuv.  
Tortonese, 1964(1): 101.
- SCYRIS ALEXANDRINUS (Geoffr.)  
Tortonese, 1964(1): 102 (Med.)
- SEBASTES MARINUS (Linn.)  
—Ocean Perch, Rosefish  
Scattergood, 1958(3): 231 (W. N.  
Atl.)

- SEBASTES MARINUS (continued)  
Hewitt et al, 1963(2): 296.  
(Muscle proteins)
- SEBASTES MANTELLA (Travin)  
Hewitt et al, 1963(2): 296.  
(Muscle proteins)
- SEBASTODES Gill  
Orton, 1955(3): 213.
- SEBASTODES ALEUTIANUS  
Jordan & Evermann  
Fitch, 1964(3): 526.
- SEBASTODES ALEXANDRI  
Evermann & Goldsborough  
Hitz & De Lacy, 1961(3): 280  
(Syn.)
- SEBASTODES AURICULATUS  
(Girard, 1858)  
Hitz & De Lacy, 1961(3): 279  
(Coronal spines)
- SEBASTODES AURICULATUS  
DALLI Jordan & Starks,  
1895.  
Hitz & De Lacy, 1961(3): 280  
(Syn.)
- SEBASTODES AURORA (Gilbert,  
1890). —Aurora Rockfish  
Heyamoto & Hitz, 1962(4): 847  
(Range ext.).  
Fitch, 1964(3): 526.
- SEBASTODES DALLI (Eigen-  
mann & Beeson, 1894)  
Hitz & De Lacy, 1961(3): 280  
(Syn.)
- SEBASTODES DIPLOPROA  
(Gilbert)  
Fitch, 1964(3): 527.
- SEBASTODES HELVOMACULA-  
TUS (Ayers, 1859).  
—Rosethorn Rockfish.  
Heyamoto & Hitz, 1962(4): 847  
(Range ext.).
- SEBASTODES MELANOPS  
(Girard)—Black Rockfish  
Johnson & Brown, 1962(4):  
838 (Olfactory apparatus)
- SEBASTODES PHILLIPSI Fitch,  
1964. —Chameleon Rockfish  
Fitch, 1964(3): 525-526 (Calif.).
- SEBASTODES ROSACEUS (Jordan  
& Gilbert, 1882).  
Heyamoto & Hitz, 1962(4): 848.
- SEBASTODES RUBER (Ayres,  
1854.)  
Hitz & De Lacy, 1961(3): 280  
(Syn.)
- SEBASTODES RUBRIVINCTUS  
(Jordan & Gilbert, 1880)  
—Flag Rockfish
- SEBASTODES RUBRIVINCTUS (con-  
tinued)  
Heyamoto & Hitz, 1962(4): 847  
(Alaska).
- SEBASTOLOBUS Gill  
Orton, 1955(3): 213.
- SECTATOR AZURENS Jordan &  
Evermann, 1905.  
Randall, 1961(3): 357.  
Briggs, 1964(4): 707.
- SECTATOR OCYURUS (Jordan &  
Gilbert, 1882).  
Randall, 1961(3): 357 (Society Isl.)  
Briggs, 1964(4): 707.
- SELACHIAN NICTITANS  
Gilbert & Oren, 1964(3): 534.
- SELAR CRUMENOPHTHALMUS  
(Bloch)—Goggle-eye Scad,  
Bigeye Scad  
Mather & Gibbs, 1957(3): 243 (N.  
Atl.)  
Briggs, 1960(3): 176 (Circum-  
tropical)  
Klawe, 1964(4): 713.  
Winn et al, 1964(2): 414 (Sounds).
- SELAROIDES LEPTOLEPIS (Cuvier)  
—Slenderscale Scad  
Mansueti, 1963(1): 57. (Sym-  
biosis with jellyfish)
- SELENE VOMER (Linn.)—Lookdown  
Pounds, 1962(2): 444 (Unusually  
large - Texas).  
Vorenberg, 1962(2): 456 (Fla.)
- SEMOTILUS ATROMACULATUS  
(Mitchill)—Creek Chub  
Smith, 1958(3): 178 (Pleistocene - Okla.)  
Behnke & Wetzel, 1960(2): 142  
(Conn.)  
Kuehne & Bailey, 1961(1): 4.  
Miller, 1962(2): 410.  
Distler & Metcalf, 1962(3): 560  
(Ark.)  
Verheijen, 1963(1): 175. (Alarm  
substance)  
Smith, 1963(2): 254. (E. Illinois)  
Smith, 1963(2): 279 (Pleistocene -  
S. W. Kansas)
- SEMOTILUS ATROMACULATUS  
ATROMACULATUS (Mitchill)  
—Northern Creek Chub  
Evans & Deubler, 1955(1): 31  
(Pharyngeal tooth Replacement)  
Personius & Eddy, 1955(1): 42  
(Little Missouri R.)  
Pfeiffer, 1955(2): 96 (N. Y.)  
Reed, 1955(3): 240 (Trematode  
parasite)



SEMOTILUS ATROMACULATUS  
 ATROMACULATUS (continued)  
 Hemphill, 1957(1): 53 (Lower Miss. R.)  
 Knapp et al, 1963(2): 455 (Md.)  
 SEMOTILUS CORPORALIS  
 (Mitchill)—Fallfish  
 Behnke & Wetzel, 1960(2): 142 (Conn.)  
 Miller, 1962(2): 410.  
 Dymond, 1964(1): 14.  
 SEMOTILUS MARGARITA  
 NACHTRIEBI—Northern Pearl Dace.  
 Eddy & Underhill, 1959(4): 342.  
 SERIOLA DUMERILI (Risso)  
 —Greater Amberjack  
 Richards, 1963(3): 584 (Va. - Ches. Bay)  
 SERIOLA FALCATA Cuv. & Val.  
 —Falcate Amberjack  
 Massmann, 1957(2): 156 (Ches. Bay)  
 SERIOLA FASCIATA (Bloch)  
 —Little Amberjack  
 Massmann, 1957(2): 156 (Ches. Bay)  
 SERIOLA ZONATA (Mitchill)  
 —Slender Amberjack,  
 Banded Rudderfish  
 Massmann, 1957(2): 156 (Ches. Bay)  
 Mansueti, 1963(1): 58 (Sym-biosis with jellyfish)  
 Richards, 1963(3): 585 (Ches. Bay)  
 SERRANELLUS Jordan & Eigenmann, 1890.  
 Tortonese, 1961(4): 471 (Tax.)  
 SERRANELLUS SUBLIGARIUS (Cope)  
 Tortonese, 1961(4): 471.  
 SERRANIDAE  
 Behnke & Wetzel, 1960(2): 143 (Conn.)  
 Gosline, 1961(3): 265. (Caudal Skeleton)  
 Branson & Moore, 1962(1): 26 (Acoustico-lateralis syst.)  
 SERRANUS Cuv., 1817  
 Tortonese, 1961(4): 471.  
 Branson & Moore, 1962(1): 30 (Acoustico-lateralis syst.)  
 SERRANUS ATARIUS (Linn.)  
 Branson & Moore, 1962(1): 3 (Acoustico-lateralis syst.)

SERRANUS BALDWINI (Evermann & Marsh)  
 Robins & Starck, 1962(4): 852 (Tax.)  
 SERRANUS CABRILLA (Linn.)  
 Slastenenko, 1955(3): 234 (Black Sea)  
 Tortonese, 1961(4): 471.  
 Tortonese, 1964(1): 103.  
 SERRANUS SCRIBA (Linn.)  
 Slastenenko, 1955(3): 234 (Black Sea).  
 Tortonese, 1961(4): 471.  
 Tortonese, 1964(1): 100 (Med.).  
 SERRARIA Gilbert, 1884.  
 Richards & Knapp, 1964(4): 692 (Syn.)  
 SERRASALMUS DENTICULATUS  
 —Piranha  
 Myers, 1964(1): 38.  
 SERRASALMUS PIRAYA Cuv., 1819  
 —Piranha  
 Myers, 1964(1): 38.  
 SERRIVOMER Gill & Ryder  
 Orton, 1963(1): 10. (Larval opercular cartilage)  
 Orton, 1964(2): 438 (Larvae)  
 SERRIVOMER SECTOR Garman  
 —Eel.  
 Orton, 1962(3): 644 (Vertebral count)  
 SICYDIUM PLUMIERI (Block)—Goby  
 Erdman, 1960(2): 146.  
 SICYOPTERUS Gill  
 DeBeaufort, 1964(1): 61.  
 SIGANIDAE  
 Tortonese, 1964(1): 103 (Med.)  
 SIGANUS RIVULATUS Forskal  
 Tortonese, 1964(1): 102 (Med.)  
 SIGNALOSA PETENENSIS (Günther)  
 Robinson, 1959(3): 255 (Lower Rio Grande)  
 SILURIDAE  
 Kapoor, 1961(2): 176.  
 SILURUS Artedi  
 Mithel, 1964(4): 678 (Cranial nerves)  
 SILURUS BAGRE Linn.  
 Jayaram, 1956(4): 248 (Tax.)  
 SILURUS CATUS Linn.  
 Jayaram, 1956(4): 248 (Tax.)  
 SIMENCHELYS PARASITICUS Gill  
 Walters, 1955(2): 147.  
 SINAMIA ZDANSKYI Stensjö  
 Branson & Moore, 1962(1): 26 (Acoustico-lateralis syst.)

- SINOASTROMYZON Fang, 1930  
Inger & Chin, 1961(2): 168.
- SIPHATELES Cope  
Bailey & Uyeno, 1964(1): 238 (Tax.)
- SIPHATELES BICOLOR (Girard)  
—Tui Chub  
Bailey & Uyeno, 1964(1): 238  
(Nomencl.)  
Weisel & McLaury, 1964(4): 687  
(Ore.)
- SIREMBO Bleeker  
Cohen, 1961(3): 289.
- SIREMBO IMBERBIS Schlegel  
Cohen, 1961(3): 289.
- SISORIDAE  
Saxena, 1961(4): 471.
- SMARIS Cuv.  
Cahn & Shaw, 1962(1): 110 (Cupulae)
- SNYDERIDIA CANINA Gilbert  
Strasburg, 1961(4): 478 (Larvae -  
Hawaii)
- SOCKEYE SALMON  
Newman, 1959(1): 76 (Aggressive-  
ness in smolts)
- SOLEA Cuv.  
Cahn & Shaw, 1962(1): 111 (Cupulae)  
Eisler, 1963(2): 276 (Coloration)
- SOLEA PROFUNDICOLA  
Tortonese, 1964(1): 101 (Med.)
- SOLEA VULGARIS AEGYPTIACA  
(Gravel)  
Tortonese, 1964(1): 105 (Med.)
- SOLEA VULGARIS VULGARIS  
Quensel  
Tortonese, 1964(1): 103, 105 (Med.)
- SOLEIDAE  
Cahn & Shaw, 1962(1): 111 (Cupulae)  
Dawson, 1962(1): 145.
- SOMERSIA FURCATA Beebe & Tee  
Van, 1934  
Springer, 1959(4): 291 (Bermuda)
- SOMNIOSUS PACIFICUS Bigelow &  
Schroeder — Sleeper Shark.  
Bright, 1959(1): 76 (Alaska Bay &  
food)
- SPARIDAE  
Akazaki, 1961(4): 437.  
Cahn & Shaw, 1962(1): 110 (Cupulae)  
Robins & DeSilva, 1964(3): 589.
- SPARISOMA Swainson  
Tortonese, 1964(1): 101.  
Winn, et al, 1964(2): 414 (Sounds)
- SPARISOMA AXILLARE Steindachner  
Randall, 1963(2): 225. (Sexual  
dichromatism)
- SPARISOMA CHRYSOPTERUM Block  
& Schneider  
Randall, 1963(2): 225. (Sexual dichro-  
matism)
- SPARISOMA CRETENSE (Linn.)  
Tortonese, 1964(1): 102 (Med.)
- SPARISOMA FLAVESCENS Block &  
Schneider  
Randall, 1963(2): 225. (Sexual  
dichromatism - Cuba)
- SPARISOMA RADIANS Cuv. & Val.  
—Parrotfish.  
Leary, 1956(4): 249. (Texas)  
Randall, 1963(2): 237.
- SPARISOMA RHOMALEUM Meek &  
Hildebrand  
Randall, 1963(2): 234. (Syn.)
- SPARISOMA RUBIPINNE (Val.)  
Randall, 1963(2): 225. (Sexual  
dichromatism)
- SPARUS CAERULEOSTICTUS Cuv.  
& Val.  
Tortonese, 1964(1): 101 (Med.)
- SPHAERODES MACULATUS (Bloch  
& Schneider)  
Breder, 1962(2): 469 (Effects of  
hurricane)
- SPHYRAENA Artedi  
Strasburg, 1964(1): 229.
- SPHYRAENA ACUS Lac., 1803.  
Berry & Rivas, 1962(1): 155 (Syn.  
—Martinique)
- SPHYRAENA ARGENTIA Girard  
—Barracuda.  
Weisel, 1958(2): 86 (Pituitary on  
frogs)
- SPHYRAENA BARRACUDA (Walbaum)  
Gosline, 1961(3): 265 (Caudal  
skeleton)
- Cornman, 1963(2): 450 (Aggres-  
sive activity)
- SPHYRAENA BOREALIS DeKay  
—Northern Barracuda.  
Mather & Gibbs, 1957(3): 242  
(N. Atl.)
- SPHYRAENIDAE  
Gosline, 1961(3): 265 (Caudal  
skeleton)
- SPHYRNA BIGELOWI Springer, 1944.  
Gilbert, 1961(4): 480.
- SPHYRNA DIPLANA Bigelow &  
Schroeder — Hammerhead Shark.  
Starr & Fosberg, 1957(4): 293  
(Serum proteins)
- Backus, 1960(3): 244 (Syn.)
- SPHYRNA LEWINI (Griffith)  
Backus, 1960(3): 244 (W. North  
Atl.)  
Springer, 1961(4): 481 (Tampa  
Bay, Fla.)  
Strasburg, 1963(1): 38 (Tooth re-  
placement)

- SPHYRNA MOKARRAN** (Rüppell)  
—Great Hammerhead.  
Briggs, 1960(3): 173 (Circum-tropical)
- SPHYRNA TIBURO** (Linn.)  
—Bonnet-head Shark.  
Starr & Fosberg, 1957(4): 291 (Serum proteins)  
Briggs, 1960(3): 173 (Circum-tropical)
- SPHYRNA TUDES** (Val.)  
—Hammerhead Shark  
Gilbert, 1961(4): 480 (U. S. waters)  
Springer & Lowe, 1963(2): 247.
- SPHYRNA ZYGAENA** (Linn.)  
—Common Hammerhead.  
Briggs, 1960(3): 173 (Circum-tropical)  
Backus, 1960(3): 244.  
Strasburg, 1963(1): 38 (Tooth replacement)  
Tortonese, 1964(1): 100 (Med.)
- SPHYRNIDAE**  
Starr & Fosberg, 1957(4): 294.  
Briggs, 1960(3): 173.  
Gilbert & Oren, 1964(3): 534 (Nictitans)
- SPINACHIA SPINACHIA** (Linn.)  
—European Marine Stickle-back.  
Limbaugh, 1962(3): 549.
- SPINOBLIENNIUS ACTESOMA**  
Fowler, 1944.  
Krejsa, 1960(4): 332 (Syn.)
- SPINOBLIENNIUS SPINIGER** Herre, 1935.  
Krejsa, 1960(4): 332 (Syn.)
- SPIRINCHUS DILATUS** Schultz & Chapman  
Dryfoos, 1961(4): 476 (Syn.)
- SPIRINCHUS STARKSI** (Fisk)  
—Night Smelt.  
Dryfoos, 1961(4): 476 (N. E. Pacific)
- SPIRINCHUS THALEICHTHYS** (Ayres)  
—Longfin Smelt.  
Dryfoos, 1961(4): 476.
- SPRATTUS SPRATTUS** (Linn.)  
Svetovidov, 1964(1): 119.
- SQUALIDAE**  
Briggs, 1960(3): 173.  
Gilbert & Oren, 1964(3): 534 (No nictitans)
- SQUALIOLUS** Smith  
Garrick & Springer, 1964(4): 679.
- SQUALIOLUS LATICAUDUS** Smith  
Garrick & Springer, 1964(4): 679 (Pac. O.)
- SQUALIOLUS SARMENTI** Noronha, 1926.  
Garrick & Springer, 1964(4): 679 (Atl. O.)
- SQUALIUS** (Auct.)  
Harrington, 1955(4): 271 (Bones)
- SQUALOGADUS INTERMEDIUS**  
Grey, 1959.  
Marshall, 1964(1): 92.
- SQUALOGADUS MODIFICATUS**  
Gilbert & Hubbs, 1916.  
Marshall, 1964(1): 92.
- SQUALUS ACANTHIAS** Linn.  
—Spiny Dogfish  
Jensen, 1961(2): 228 (Recapture of tagged)  
Tortonese, 1964(1): 103 (Med.)  
Sindermann & Honey, 1964(1): 139.
- SQUALUS FERNANDINUS** Molina  
Briggs, 1960(3): 173 (Circum-tropical)
- SQUATINA DUMERILI** (LeSueur)  
—Angel Shark.  
Backus, 1957(3): 248 (N. W. Atl.)  
Backus, 1960(3): 245 (W. North Atl.)
- SQUATINA SQUATINA** (Linn.)  
Tortonese, 1964(1): 103 (Med.)
- SQUATINIDAE**  
Gilbert & Oren, 1964(3): 534 (No nictitans)
- STARKSIA CREMNOBATES** (Gilbert)  
Dawson, 1960(1): 75 (In sponges)
- STARKSIA OCELLATA** (Steindachner)  
—Blenny.  
Dawson, 1960(1): 75 (In sponge - S. C.)  
Springer, 1961(4): 482 (Tampa Bay, Fla.)
- STEGOPHILUS INSIDIOSUS**  
Reinhardt, 1858.  
Kelley & Atz, 1964(4): 702.
- STEINDACHNERIA ARGENTEA**  
Goode & Bean  
Dawson, 1962(2): 443 (Gulf of Mexico)  
Eschmeyer, 1963(3): 590 (Food for swordfish)  
Cohen, 1964(2): 406 (Bioluminescence)
- STELLIFER FURTHII** (Steindachner)  
Gunter, 1957(1): 14 (In fresh water)
- STELLIFER MELANCHEIR** (Eigenmann)  
Gunter, 1957(1): 14 (In fresh water)
- STENODUS** Richardson  
Dymond, 1964(1): 14.

- STENODUS LEUCICHTHYS MAC-  
KENZII (Richardson)  
Dymond, 1964(1): 19.
- STENODUS MACKENZII (Richardson)  
Dymond, 1964(1): 19.
- STENOTOMUS CHRYSOPS (Linn.)  
—Common Scup.  
Morrow, 1956(3): 195.  
Joseph, et al, 1964(2): 426 (Eggs)  
Robins & DeSylva, 1964(3): 589.
- STERNOPTYCHIDAE  
Grey, 1956(4): 243.  
Rechnitzer & Böhlke, 1958(1): 10.  
Briggs, 1960(3): 174.
- STERNOPTYX DIAPHANA Hermann  
Briggs, 1960(3): 174 (Circum-  
tropical)
- STERNOPYGUS MACRURUS (Block  
& Schneider)—Electric Fish  
Nelson, 1960(2): 131 (Lateral  
line nerve)
- STERNOTREMIA ISOLEPIS Nelson,  
1876.  
Smith & Bridges, 1960(3): 253  
(Type)  
Mansueti, 1964(3): 551.
- STETHOJULIS RENARDI (Bleeker,  
1851)  
Randall, 1955(3): 237 (Oceania)
- STETHOJULIS STRIGIVENTER  
(Bennett, 1832)  
Randall, 1955(3): 237 (Oceania)
- STILBISCUS EDWARDSI Jordan &  
Bollman  
Gosline & Strasburg, 1956(1): 12  
(Tax.)
- STIZOSTEDION Raf., 1820.  
—Pikeperch.  
Branson & Moore, 1962(1): 55, 88  
(Acoustico - lateralis syst.)  
Collette, 1963(4): 616 (Tax.)
- STIZOSTEDION CANADENSE (Smith)  
—Sauger.  
Personius & Eddy, 1955(1): 42  
(Little Missouri R.)  
Cross & Metcalf, 1963(1): 187  
(Missouri River system)  
Collette, 1963(4): 616, 621.
- STIZOSTEDION LUCIOPERCA  
Collette, 1963(4): 616, 621.
- STIZOSTEDION MARINUM  
Collette, 1963(4): 621.
- STIZOSTEDION VITREUM (Mitchell)  
—Walleyes.  
Hecht & Walters, 1955(3): 252  
(Canada)  
Williams, 1959(1): 20 (Ovary  
weight)
- STIZOSTEDION VITREUM (continued)  
Behnke & Wetzel, 1960(2): 143  
(Conn.)  
Norden, 1961(3): 282 (Larvae)  
Brown, 1962(2): 469 (Ala.)  
Wagner & Cooper, 1963(2): 351.  
Collette, 1963(4): 616, 621.  
McCleave, 1964(3): 507.
- STIZOSTEDION VOLGENSE  
Collette, 1963(4): 616, 621.
- STOICHACTIS Haddon—Sea Anemone.  
Mansueti, 1963(1): 69 (Assoc. with  
fish)  
Stevenson, 1963(4): 612 (Relation  
to fish)
- STOLEPHORUS COMPRESSUS  
(Girard)  
Miller, 1960(3): 252.
- STOLEPHORUS PURPUREUS  
Fowler—Nehu  
Nakamura, 1962(3): 502.
- STOLEPHORUS VIRIDIS Bean, 1912.  
Collette, 1962(3): 659.
- STOMIAS AFFINIS Günther  
Briggs, 1960(3): 174 (Circum-  
tropical)
- STOMIATIDAE  
Briggs, 1960(3): 174.
- STOMOLOPHUS MELEAGRIS  
Agassiz  
Mansueti, 1963(1): 47 (Symbiosis  
with fish)
- STRIPPING SMALL FISHES  
Strawn & Hubbs, 1956(2): 114.
- STROMATEUS FASCIATUS (Risso)  
—Barred Butterfish  
Mansueti, 1963(1): 60 (Symbiosis  
with jellyfish)
- STROMATEUS FIATOLA Linn.  
—European Butterfish.  
Mansueti, 1963(1): 60 (Symbiosis  
with jellyfish)
- STRONGYLURA van Hasselt, 1823.  
Berry & Rivas, 1962(1): 153.
- STRONGYLURA ACUS (Lac.)  
Breder, 1962(2): 460 (Effects of  
hurricane)
- STRONGYLURA LONGLEYI Breder,  
1932.  
Berry & Rivas, 1962(1): 155  
(Syn. - Key West, Fla.)
- STRONGYLURA MARINA (Walbaum)  
—Needlefish.  
Harrington & Rivas, 1958(2): 129  
(Fla.)  
Boschung & Hemphill, 1960(1): 73  
(Inland Ala.)  
Berry & Rivas, 1962(1): 155.

**STRONGYLURA MARINA** (continued)

Breder, 1962(2): 461 (Effects of hurricane)

**STRONGYLURA NOTATA** (Poey)

Berry & Rivas, 1962(1): 152 (W. Atl.)

Breder, 1962(2): 469 (Effects of hurricane)

Gunter & Hall, 1963(3): 597 (Fla.)

**STRONGYLURA NOTATA FORSYTHIA** Breder, 1932.

Berry & Rivas, 1962(1): 155 (Syn. - Bahamas)

**STRONGYLURA SCRUTATOR**

Gunter, 1957(1): 15 (In fresh water)

**STRONGYLURA TIMUCI** (Walbaum)

Berry & Rivas, 1962(1): 152 (W. Atl.)

**STYLEPHONUS** Bloch & Schneider, 1801.

Briggs, 1961(2): 164 (Tax.)

**STYLOPHORUS** Shaw, 1791.

Briggs, 1961(2): 164 (Tax.)

**SWIM BLADDER IN FISHES**

Nelson, 1957(4): 301 (Early review, 1795)

**SWIMMING OF FISH**

Nursall, 1958(2): 136 (Method of analysis)

**SYMBOLOPHORUS VERANYI**

Tortonese, 1964(1): 104.

**SYMBRANCHUS** Müller, 1841.

Briggs, 1961(2): 164 (Tax.)

**SYMPHURUS** Raf.

Branson & Moore, 1962(1): 64 (Acoustico-lateralis syst.)

**SYMPHURUS PLAGUISA** (Linn.)

Dawson, 1962(1): 138 (Coloration)

Breder, 1962(2): 460 (Effects of hurricane)

**SYNAGROPS BELLA**

Eschmeyer, 1963(3): 590 (Food for swordfish)

**SYNANACEA** Gray & Hardwicke, 1830.

Briggs, 1961(2): 164 (Tax.)

**SYNANCEIA** Cloquet, 1827.

Briggs, 1961(2): 164 (Tax.)

**SYNANCEIDAE**

Briggs, 1961(2): 164 (Tax.)

**SYNANCEJA** Bloch & Schneider, 1801.

—Stonefish.

Ray & Coates, 1958(3): 235.

Briggs, 1961(2): 164 (Tax.)

**SYNANCEJA VERRUCOSA** Bloch

—Stonefish.

Smith, 1957(3): 249 (Poisonous)

**SYNANCIA** Agassiz, 1846.

Briggs, 1961(2): 164 (Tax.)

**SYNAPHOBRANCHUS** Johnson

Orton, 1964(2): 438 (Larvae)

**SYNAPTOLAEMUS** Myers & Fernandez - Yepes, in Myers, 1950.

Myers & Carvalho, 1959(2): 148.

**SYNAPTOLAEMUS CINGULATUS**

Myers & Fernandez - Yepes, 1950.

Myers & Carvalho, 1959(2): 151 (S. A.)

**SYNAPTURA VILLOSA** Weber, 1908.

DeBeaufort, 1964(1): 61 (New Guinea)

**SYNBRANCHUS** Bloch, 1795.

Briggs, 1961(2): 164 (Tax.)

**SYNCHIRUS** GILLI Bean

—Manacled Sculpin.

Krejsa, 1964(2): 448 (Sexual behavior)

**SYNGNATHIDAE**

Hubbs & Miller, 1960(2): 101.

**SYNGNATHUS** Linn.

Stebbins & Kalk, 1961(1): 19

(Port E. Afr.)

Carpelan, 1961(1): 37 (Salinity tolerance)

**SYNGNATHUS ABASTER** Risso

Tortonese, 1964(1): 103, 105 (Med.)

**SYNGNATHUS ACUS** Linn.

Tortonese, 1964(1): 100 (Med.)

**SYNGNATHUS AGASSIZI** Michah.

Tortonese, 1964(1): 101 (Med.)

**SYNGNATHUS ELCAPITANENSE**

Meek & Hildebrand

Gunter, 1957(1): 14 (In fresh water)

**SYNGNATHUS FLORIDAE** (Jordan & Gilbert)—Pipefish.

Strawn, 1958(1): 21.

Breder, 1962(2): 460 (Effects of hurricane)

**SYNGNATHUS NIGROLINEATUS**

MAEOTICUS (Slattenenko)

Slattenenko, 1955(3): 233 (Black Sea)

**SYNGNATHUS SCOVELLI** Jordan & Gilbert—Pipefish.

Strawn, 1958(1): 21.

Harrington & Rivas, 1958(2): 129 (Fla.)

**SYNGNATHUS SCOVELLI** (Evermann & Kendall) —Pipefish.

Whatley, 1962(1): 220 (Breeding - La.)

- SYNGNATHUS TYPHLE Linn.  
Tortonese, 1964(1): 105 (Med.)
- SYNODUS (Gronow)  
Berry, 1964(2): 380 (Upper jaw bones)
- SYNODUS BONDI Fowler  
Gibbs, 1959(3): 232 (Postlarvae)
- SYNODUS CINEREUS Hildebrand  
Gibbs, 1959(3): 232 (Postlarvae)
- SYNODUS FOETENS (Linn.)  
Gibbs, 1959(3): 232 (Postlarvae - Gulf of Mexico)  
Breder, 1962(2): 460 (Effects of hurricanes)
- SYNODUS INTERMEDIUS (Spix)  
Gibbs, 1959(3): 232 (Postlarvae)
- SYNODUS MELEAGRIDES (Val.)  
Gibbs, 1959(3): 232 (Postlarvae)
- SYNODUS POEYI Jordan  
Gibbs, 1959(3): 232 (Postlarvae - Gulf of Mexico)
- SYNODUS SAURUS (Linn.)  
Gibbs, 1959(3): 232 (Postlarvae - Bahamas)
- SYNODUS SYNODUS (Linn.)  
Gibbs, 1959(3): 232 (Postlarvae - Gulf of Mexico)
- SYNODONTIDAE—Lizard-fishes.  
Gibbs, 1959(3): 232 (Synopsis of postlarvae)  
Berry, 1964(2): 380 (Upper jaw bones)

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- TAANINGICHTHYS BATHYPHILUS (Taning)  
Briggs, 1960(3): 175 (Circum-tropical)
- TACHYSURIDAE  
Jayaram, 1956(4): 249.  
Hubbs & Miller, 1960(2): 110.
- TACHYSURUS Lacépède, 1803.  
Hubbs & Miller, 1960(2): 110.
- TACTOSTOMA MACROPUS Bolin  
Aron & McCrery, 1958(3): 180 (N. Pac. Ocean)
- TAENIOPSETTA Gilbert  
Eisler, 1963(2): 277 (Coloration)
- TAENIOTOCA LATERALIS (Agassiz)  
Yapchiongco, 1963(4): 700 (Ovoviviporous)
- TAENIURA GRABATA Geoff.  
Tortonese, 1964(1): 102 (Med.)
- TAMOYA HAPLONEMA Müller  
Mansueti, 1963(1): 58. (Symbiosis with fish)
- TANAKIA Jordan & Thompson  
Holcik & deWit, 1962(2): 389.
- TANAKIA TANAGO (Tanaka)  
deWit, 1964(1): 159 (Hybrids)  
deWit, 1964(1): 156 (Hybrids)
- TANAKIUS KITCHARAE (Jordan & Starks)  
Follett, McCormick & Best, 1960(2): 117.
- TANICHTHYS ALBONUBES Linn., 1932—White Cloud Mountain Fish.  
Hartman, Merrell & Painter, 1964(2): 368.
- TARACTES LONGIPINNIS Lowe  
Briggs, 1960(3): 177 (Circum-tropical)
- TARACTES PRINCIPES Kamohara  
Briggs, 1960(3): 177 (Japan)
- TARLETONBEANIA CRENULARIS (Jordan & Gilbert)  
Wisner, 1959(1): 1 (Differentiation)
- TARLETONBEANIA TAYLORI Mead, 1953.  
Wisner, 1959(1): 1 (Distrib. & Different. - N. Pacific)
- TARPON Jordan & Evermann  
Harrington, 1955(4): 285 (Bones)
- TARPON ATLANTICUS (Val.)  
—Tarpon.  
Odum & Caldwell, 1955(2): 106 (Fla. - anaerobic spring)
- TAUREDOPHIDIUM Alcock  
Cohen, 1961(3): 288.
- TAUREDOPHIDIUM HEXTHI (Alcock)  
Cohen, 1961(3): 289.
- TAUTOGA ONITIS (Linn.)—Tautogs.  
McErlean, 1963(1): 186 (Aquarium behavior of juveniles)
- TAUTOGOLABRUS ADSPERSUS (Walbaum)  
McErlean, 1963(1): 186 (Aquarium behavior of juveniles)
- TELLIA Gervais  
Uyeno & Miller, 1962(3): 528.
- TELMATHERINA Boul.  
DeBeaufort, 1964(1): 63 (Celebes)
- TERETULUS HAYDENI (Girard, 1856)  
Robins & Raney, 1957(2): 154 (Tax.)
- TETRAODON Linn., 1758.  
Briggs, 1961(2): 164 (Tax.)
- TETRAGONURIDAE  
Briggs, 1960(3): 177.
- TETRAGONURUS ATLANTICUS Lowe—Bigeye Squaretail.  
Briggs, 1960(3): 177 (Circum-tropical)



**TETRAGONURUS ATLANTICUS**

(continued)

Mansueti, 1963(1): 60 (Symbiosis with jellyfish)

**TETRAGONURUS CUVIERI** Risso

—Smalleye Squaretail.

Tanonaka, 1957(1): 53 (S. of Aleutian Isl.)

Mansueti, 1963(1): 60 (Symbiosis with jellyfish)

**TETRANESODON** Weber

Hubbs & Miller, 1960(2): 103.

**TETRAPTURUS ALBIDUS** Poey

—White Marlin.

Squire, 1962(1): 216 (W. North Atl.)

deSylva & Davis, 1963(1): 81 (Hydrography of fishing grounds)

Tortonese, 1964(1): 101 (Med.)

Penrith, 1964(1): 232.

**TETRAPTURUS ANGUSTIROSTRIS**

Tanaka—Spearfish.

deSylva & Davis, 1963(1): 88.

Strasburg, 1964(1): 229.

Penrith, 1964(1): 231 (Indian Ocean)

**TETRAPTURUS AUDAX** Philippi

—Striped Marlin.

deSylva & Davis, 1963(1): 87.

Strasburg, 1964(1): 228 (Symbiosis)

Penrith, 1964(1): 232.

**TETRAPTURUS AUSTRALIS**

Macleary, 1854.

Morrow, 1959(4): 349 (Syn.)

**TETRAPTURUS BELONE** Raf.

Jones, 1962(2): 453 (Texas coast)

Tortonese, 1964(1): 101 (Med.)

**TETRAPTURUS INDICUS** Cuv., 1831.

Morrow, 1959(4): 347 (Tax.)

**TETRAPTURUS PFLUEGERI**

Penrith, 1964(1): 231.

**TETRODON** Linn., 1766.

Briggs, 1961(2): 164 (Tax.)

**THALASSOMA** Swainson

Tortonese, 1964(1): 101 (Med.)

**THALASSOMA BALLICURI**

(Vaillant & Sauvage)

Randall, 1955(3): 237.

**THALASSOMA BIFASCIATA** (Bloch)

—Wrasse.

Randall, 1955(3): 237.

Randall, 1961(2): 238.

**THALASSOMA DUPERREYI** (Quoy

& Gaimard)

Randall, 1955(3): 237.

**THALASSOMA DUPERREYI**

(continued)

Gosline, 1961(3): 267 (Caudal skeleton)

**THALASSOMA PAVO** Linn., 1758.

Tortonese, 1964(1): 100 (Med.)

**THAMNACONUS** Smith, 1949.

Randall, 1964(2): 331.

**THAMNACONUS PENICULARIUS**

Fourmanoir, 1954.

Randall, 1964(2): 333 (Syn.)

**THERAPON JARBUA** (Forsk.)

—Tigerfish.

Herald, 1956(3): 195 (Territoriality)

**THERAPON THERAPS** (Cuv.)

—Bull's-eye Fish.

Stebbins & Kalk, 1961(1): 19 (Port. E. Afr.)

**THRISOCLES** Jordan

Dehadrai, 1960(2): 125 (India)

**THUNNUS ALALUNGA** (Bonnaterre)

—Albacore.

Mather & Gibbs, 1957(3): 242 (N. Atl.)

Briggs, 1960(3): 177 (Circum-tropical)

Squire, 1962(1): 219 (N. Atl.)

Matsumoto, 1963(2): 469 (Haemal spine)

Strasburg, 1964(1): 229.

**THUNNUS ALBACARES** (Bonnaterre)

—Yellowfin Tuna.

Mather & Gibbs, 1957(3): 242 (N. Atl.)

Springer, 1961(4): 482.

Squire, 1962(1): 219 (N. Atl.)

Talbot & Penrith, 1962(2): 469 (Food of Black Marlin)

Matsumoto, 1963(2): 460.

Strasburg, 1964(1): 228 (Symbiosis)

Klawe, 1964(4): 712 (Ecuador)

**THUNNUS ATLANTICUS** (Lesson)

—Blackfin Tuna.

Baughman, 1955(1): 54 (Food of whale shark)

Mather & Gibbs, 1958(3): 238.

Springer, 1961(4): 482 (Tampa Bay, Fla.)

Matsumoto, 1963(2): 460.

**THUNNUS MEBACHI** (Kishinouye)

Briggs, 1960(3): 177 (Pacific O.)

**THUNNUS OBESUS** Lowe—Atlantic

Bigeye Tuna.

Mather & Gibbs, 1958(3): 237 (Distrib. in N. Atl. & Caribbean)

- THUNNUS OBESUS (continued)  
 Briggs, 1960(3): 177 (Circum-tropical)  
 Squire, 1962(1): 219 (N. Atl.)  
 Matsumoto, 1963(2): 460.  
 Strasburg, 1964(1): 229.
- THUNNUS SALIENS Jordan & Evermann—Bluefin Tuna.  
 Fast, 1957(3): 239.
- THUNNUS SIBI Temminck & Schlegel  
 Briggs, 1960(3): 177.
- THUNNUS THYNNUS (Linn.)  
 —Bluefin Tuna.  
 Slatenenko, 1955(3): 233 (Black Sea)  
 Mather & Gibbs, 1958(3): 238.  
 Mather, 1960(2): 149-150 (Recaptures)  
 Squire, 1962(1): 219 (N. Atl.)  
 Matsumoto, 1963(2): 460.  
 Tortonese, 1964(1): 100 (Med.)
- THUNNUS TONGGOL (Bleeker)  
 Matsumoto, 1963(2): 460.
- THYMALLUS Linck, 1790.  
 Dymond, 1964(1): 14, 19 (Canada)  
 Svetovidov, 1964(1): 129.
- THYMALLUS ARCTICUS SIGNIFER (Richardson)  
 Dymond, 1964(1): 20.
- THYMALLUS SIGNIFER Richardson, 1823—Grayling.  
 Dymond, 1964(1): 20 (Canada)
- THYMALLUS THYMALLUS (Linn.)  
 Slatenenko, 1955(3): 234 (Black Sea)
- THYNNICHTHYS Bleeker  
 DeBeaufort, 1964(1): 64.
- THYREOCONGER HEMIASPIDUS  
 Wade, 1946.  
 Rosenblatt, 1958(1): 54 (Syn.)
- THYRSITES NIGER Poey, 1875.  
 Schultz & Springer, 1956(1): 65. (Tax.)  
 Bartlett & Backus, 1962(4): 846.
- THYRSITOIDES MARLEYI Fowler  
 Grey, 1960(3): 213 (S. Afr. - teeth on tongue)
- TIAROGA Girard  
 Branson & Moore, 1962(1): 28. (Acoustico-lateralis syst.)
- TIGOMA ATRARIA Girard, 1856.  
 Bailey & Uyeno, 1964(1): 239.
- TIGOMA BICOLOR Girard, 1856  
 —Blue Chub.  
 Bailey & Uyeno, 1964(1): 238. (Tax.)
- TILAPIA Smith—Mouthbreeders  
 Baslow & Nigrelli, 1961(1): 9.
- TILAPIA (continued)  
 Branson & Moore, 1962(1): 60 (Acoustico-lateralis syst.)  
 Hewitt, et al, 1963(2): 296 (Muscle proteins)
- TILAPIA GALILEA Artedi  
 El-Zarka, 1956(2): 112.
- TILAPIA HEUDELLOTI Dum., 1859.  
 Deacon, et al, 1964(2): 386 (Fla.)
- TILAPIA MOSSAMBICA Peters  
 Slater, 1961(2): 160.  
 Nakamura, 1962(3): 502.  
 Yapchiongco, 1963(4): 700 (Mouth breeders)  
 Deacon, et al, 1964(2): 386 (Introduced - Nev.)
- TILAPIA NILOTICA Linn.  
 El-Zarka, 1956(2): 112.  
 Myers, 1964(1): 34.
- TILAPIA SQUAMIPINNIS  
 Kosswig, 1963(2): 242 (Speciation)
- TILAPIA ZILLI Gervais  
 El-Zarka, 1956(2): 112 (Breeding behavior)
- TINCA Cuv.  
 Harrington, 1955(4): 278 (Bones)
- TINCA TINCA (Linn.)—Tench.  
 Behnke & Wetzel, 1960(2): 142 (Conn.)
- TODARUS BREVIROSTRIS (Facciola)  
 Tortonese, 1964(1): 101 (Med.)
- TOMEURUS GRACILIS  
 Rosen & Mendelson, 1960(3): 204 (Sensory canals)  
 Rosen & Tucker, 1961(2): 203.
- TOMICODON ABSITUS Briggs, 1955.  
 Briggs, 1960(3): 216 (Socorro Isl.)
- TOMICODON BOEHLKEI Briggs, 1955.  
 Briggs, 1960(3): 216 (Gulf of Cal.)
- TOMICODON EOS EOS (Jordan & Gilbert)  
 Briggs, 1960(3): 217 (Tres Marias Isl.)
- TOMICODON MYERSI Briggs, 1955.  
 Briggs, 1960(3): 217 (N. Coast of Mexico)
- TOMICODON PETERSI (Garman)  
 Briggs, 1960(3): 217 (Tres Marias Isl.)
- TOMICODON VERMICULATUS  
 Briggs, 1955.  
 Briggs, 1960(3): 216-217 (Cocos Isl.)
- TORPEDINIDAE  
 Daiber, 1959(1): 74.
- TOXOTES Cuv.  
 DeBeaufort, 1964(1): 64.

TRACHINOCEPHALUS MYOPS

(Schneider)

Gibbs, 1959(3): 232 (Postlarvae - Gulf of Mexico)

TRACHINOTUS Lac.

Miller, 1958(3): 237 (Mex.)

TRACHINOTUS FALCATUS (Linn.)

Breder, 1962(2): 460 (Effects of hurricane)

TRACHINOTUS GLAUCUS (Bloch)

—Palometa

Tortonese, 1964(1): 100 (Med.)

Winn, et al, 1964(2): 414 (Sounds)

TRACHINOTUS RHODOPUS (Gill)

—Gaff-topsail Pompano.

Hobson, 1963(3): 595 (Selective feeding)

TRACHINUS DRACO (Linn.)

Slastenenko, 1955(3): 234 (Black Sea)

TRACHINUS VIPERA Cuv. & Val.

Slastenenko, 1955(3): 234.

TRACHIPTERIDAE

Briggs, 1960(3): 176.

TRACHIPTERUS ARCTICUS

(Brünnick)

Walters, 1963(2): 263 (Integument)

Tortonese, 1964(1): 101 (Med.)

TRACHIPTERUS CRISTATUS

Bonelli —Scalloped Ribbonfish.

Orton, 1957(1): 56 (Embryology)

Briggs, 1960(3): 176 (Circum-tropical)

TRACHIPTERUS POLYSTICTUS

Ogilby —Polka-dot Ribbonfish.

Briggs, 1960(3): 176 (Circum-tropical)

TRACHIPTERUS TAENIO Schn.

Orton, 1957(1): 56 (Embryology)

TRACHIPTERUS TRACHYPTERUS

Poey

Walters, 1963(2): 260-261 (Trachipterid integument)

TRACHIPTERUS TRACHYPTERUS

ALTIVELIS (Kner)

Walters, 1963(2): 270 (Integument)

TRACHONURUS Günther

Marshall, 1964(1): 91.

TRACHUOPS LATHAMI Nichols

—Rough Scad.

Massmann, 1960(1): 70 (Ches. Bay)

TRACHURUS Lac.

Branson & Moore, 1962(1): 29

(Acoustico-lateralis syst.)

Berry, 1964(2): 382 (Upper Jaw Bones)

TRACHURUS MEDITERRANEUS

PONTICUS Aleev. —Pontican Scad.

Mansueti, 1963(1): 56 (Symbiosis with jellyfish)

TRACHURUS DECLIVIS (Jenyns)

—Cowan young Horse-mackerel

Mansueti, 1963(1): 56 (Symbiosis with jellyfish)

TRACHURUS LATHAMI Nichols

—Rough scad.

Mansueti, 1963(1): 56 (Symbiosis with jellyfish)

TRACHURUS MC CULLOCHI Nichols

—Australian Yellowtail.

Mansueti, 1963(1): 56. (Symbiosis with jellyfish)

TRACHURUS MEDITERRANEUS

MEDITERRANEUS (Steindachner) —Mediterranean Scad.

Mansueti, 1963(1): 55 (Symbiosis with jellyfish)

TRACHURUS SYMMETRICUS (Ayres)

—Pacific Jack Mackerel

Mansueti, 1963(1): 56 (Symbiosis with jellyfish)

Farris, 1963(1): 182 (Reprod. periodicity - Pac. Coast)

TRACHURUS TRACHURUS LACERTA (Pallas)

Mansueti, 1963(1): 55 (Symbiosis with jellyfish)

TRACHURUS TRACHURUS TRACHURUS (Linn.) —Atlantic Scad.

Mansueti, 1963(1): 55 (Symbiosis with jellyfish)

Tortonese, 1964(1): 103 (Med.)

TRACHYCORYSTES Bleeker —South American Catfish.

Sneed & Clemens, 1963(4): 610. (Reprod. morph.)

TREMATOMUS Boul., 1902.

DeWitt, 1962(4): 827.

DeWitt, 1964(4): 883.

TREMATOMUS BERNACCHII Boul., 1902.

Wohlschlag, 1961(1): 11 (Growth, Antarctic)

Kooyman, 1963(2): 458 (Erythrocytes)

DeWitt, 1964(4): 686.

TREMATOMUS BORCHGREVINKI

Boul., 1902.

Kooyman, 1963(2): 458 (Erythrocytes)

DeWitt, 1964(4): 686.

- TREMATOMUS BRACHYSOMA  
DeWitt, 1964(4): 686.
- TREMATOMUS HANSONI Boul.,  
1902.  
Kooyman, 1963(2): 458 (Erythrocytes)
- DeWitt, 1964(4): 686.
- TREMATOMUS LOENNBERGI  
Regan, 1913.  
Kooyman, 1963(2): 458 (Erythrocytes)
- TREMATOMUS SCOTTI (Boul., 1907)  
DeWitt, 1964(4): 683.
- TRIACANTHODES LINEATUS  
Longley & Hildebrand  
Woods, 1959(3): 224 (Syn.)
- TRIACANTHODIDAE  
Grey, 1956(4): 245 (Gulf of Mexico)  
Woods, 1959(3): 222.
- TRIACANTHUS Cuv.  
Tyler, 1962(4): 794.
- TRIAENODON OBESUS (Rüppell)  
Strasburg, 1963(1): 38 (Tooth replacement)
- TRIAKIDAE  
Gilbert & Oren, 1964(3): 534 (Nictitans)
- TRICHIURUS Linn. —Cutlass Fish.  
Strasburg, 1957(1): 59.
- TRICHIURUS LEPTURUS Linn.  
—Cutlass Fish.  
Gunter & Ward, 1961(4): 460 (Extreme injuries)
- TRICHODERMA Swainson, 1839.  
Randall, 1964(2): 333 (Syn.)
- TRICHODERMA HISTRIX (Burton)  
Randall, 1964(2): 333 (Syn.)
- TRICHODERMA SCAPUS Swainson, 1839 —(Error for scopas)  
Randall, 1964(2): 333 (Syn.)
- TRICHOASTER Bloch & Schneider  
—Gourami  
Nigrelli & McLaughlin, 1958(4): 331 (Histoic algae)
- TRICHOASTER LEERI (Bleeker)  
Miller, 1964(3): 484.
- TRICHOASTER TRICHOPTERUS SUMATRANUS Ladiges, 1933.  
Miller, 1964(3): 475.
- TRICHOASTER TRICHOPTERUS TRICHOPTERUS (Pallas)  
—Blue Gourami.  
Miller, 1964(3): 469 (Social behavior)
- TRICHOMYCTERUS Val.  
Kapoor, 1961(2): 179 (Sensory canals)
- TRIGLA Artedi  
Branson & Moore, 1962(1): 58 (Acoustico-lateralis syst.)
- TRIGLA HIRUNDO Bl.  
Weinreb & Bilstad, 1955(3): 200.
- TRIGLA LYRA (Linn.)  
Tortonese, 1964(1): 104 (Med.)
- TRIGLOPS FORFICATA (Gilbert)  
Dryfoos, 1961(4): 477 (N. E. Pacific)
- TRIGLOPS NYBELINI Jensen, 1944.  
Walters, 1955(2): 145 (Spitsbergen)  
Gordon & Backus, 1957(1): 18 (Labrador)
- TRIGLOPS PINGELI Reinhardt  
Walters, 1955(2): 145 (Arctic)  
Gordon & Backus, 1957(1): 19 (Labrador)
- TRIGLOPSIS ONTARIENSIS Jordan & Thompson  
Jacoby, 1961(4): 473.
- TRIGLOPSIS STIMPSONI Hoy  
Jacoby, 1961(4): 473.
- TRIGLOPSIS THOMPSONI Girard  
Jacoby, 1961(4): 473.
- TRIMMA Jordan & Seale  
Robins & Böhlke, 1961(1): 46.
- TRINECTES LINEATUS Breder, 1955 (non Linn. 1758)  
Dawson, 1964(4): 659 (Syn.)
- TRINECTES MACULATUS (Bloch & Schneider)—Hogchoker.  
Gunter, 1957(1): 13 (In fresh water)  
Hoese & Berglund, 1958(1): 55.  
Boschung & Hemphill, 1960(1): 73 (Inland - Ala.)  
Dawson, 1962(1): 138 (Coloration)  
Joseph, et al., 1964(2): 432 (Eggs)
- TRINECTES MACULATUS FASCII (Lac.)—Texas Hogchoker  
Hoese & Berglund, 1958(1): 55 (Coloration)  
Dawson, 1962(1): 144.
- TRINECTES MACULATUS MACULATUS (Bloch & Schneider)  
—Northern Hogchoker.  
Mansueti & Pauly, 1956(1): 60 (Md. - Age & growth)  
Dawson, 1962(1): 144.
- TRIODON BURSARIUS Cuv., 1829.  
Tyler, 1962(4): 793 (Tax.)
- TRIODONTIDAE  
Tyler, 1962(4): 793.
- TRIPHOTURUS NIGRESCENS (Brauer)  
Briggs, 1960(3): 175 (Circum-tropical)

TRIPTERYGION MINOR Kolom-  
batovic

- Tortonese, 1964(1): 101 (Med.)  
TROGLOGLANIS Eigenmann  
Uyeno & Miller, 1962(2): 340.  
TROPHEUS DUBOISI  
Kosswig, 1963(2): 242  
(Speciation - Lake Tanganyika)  
TROPHEUS MOORI Boul.  
Kosswig, 1963(2): 242 (Speciation  
- Lake Tanganyika)  
TYLOGNATHUS Heckel  
Silas, 1956(3): 194 (Tax.)  
TYLOSURUS Cocco, 1833.  
Berry & Rivas, 1962(1): 153.  
Orton, 1964(1): 146.  
TYLOSURUS ACUS (Lac.)  
Berry & Rivas, 1962(1): 152  
(W. Atl.)  
TYLOSURUS EURYOPS Bean &  
Dresel, 1884.  
Berry & Rivas, 1962(1): 155  
(Syn. - Jamaica)  
TYLOSURUS GLADIUS Bean, 1882.  
Berry & Rivas, 1962(1): 155  
(Syn. - Fla.)  
TYLOSURUS RAPIDOMA (Ranzani)  
Berry & Rivas, 1962(1): 152  
(W. Atl.)  
TYLOSURUS SAGITTA Jordan &  
Gilbert, 1884.  
Berry & Rivas, 1962(1): 155  
(Syn. - Key West, Fla)  
TYPHLICHTHYS SUBTERRANEUS  
Girard - Cavefish.  
Barr & Kuehne, 1962(3): 662 (Ky.)  
TYPHLOGOBIUS Steindachner, 1879.  
Barlow, 1961(4): 424.  
TYTTOCHARAX Fowler  
Böhlke, 1958(4): 318.  
TYTTOCHARAX ATOPODUS Böhlke,  
1958.  
Böhlke, 1958(4): 319-323 (Peru)  
TYTTOCHARAX MADEIRAE  
Fowler  
Böhlke, 1958(4): 318-319 (Tax. -  
Brazil)  
TYTTOCHARAX ODONTOCHEILUS  
(A. de Miranda - Bibeiro,  
1939)  
Böhlke, 1958(4): 319  
(Brazil)  
TYTTOCHARAX RHINODUS Böhlke,  
1958.  
Böhlke, 1958(4): 319-320  
(Peru)

U

- UMBRA CRAMERI (Walbaum)  
Slasstenenko, 1955(3): 234 (Black  
Sea)  
UMBRA LIMI (Kirtland) - Central  
Mudminnow.  
Peckham & Dineen, 1963(3): 586  
(Caudal fin devel.)  
UMBRA PYGMAEA (DeKay)  
- Eastern Mudminnow  
Behnke & Wetzel, 1960(2): 141  
(Mass., N. Y.)  
Hoese, 1963(1): 165 (Salt toler-  
ance)  
Peckham & Dineen, 1963(3): 588.  
UMBRIDAE  
Branson & Moore, 1962(1): 55  
(Acoustico-lateralis syst.)  
UMBRINA Cuv., 1817.  
Cahn & Shaw, 1962(1): 110  
(Cupulae)  
Trewavas, 1964(1): 107-108  
(Review)  
UMBRINA AMBLYCEPHALUS  
Bleeker, 1855.  
Trewavas, 1964(1): 110 (Syn.)  
UMBRINA ANGUSTILINEATA  
Gilchrist & Thompson, 1911.  
Trewavas, 1964(1): 114.  
UMBRINA BROUSSONNETII Cuv. in  
Cuv. & Val., 1830.  
Trewavas, 1964(1): 115.  
UMBRINA CANARIENSIS Val., 1843.  
Trewavas, 1964(1): 112.  
UMBRINA CAPENSIS Pappe, 1853.  
Trewavas, 1964(1): 112-113.  
UMBRINA CIRROSA (Linn.)  
Tortonese, 1964(1): 103.  
Trewavas, 1964(1): 107-108  
(Tax. - mental barbel)  
UMBRINA DORSALIS Gill, 1862.  
Trewavas, 1964(1): 115.  
UMBRINA DUSSUMIERI Val., 1833.  
Trewavas, 1964(1): 109 (Tax. -  
barbel)  
UMBRINA FUSCA Dardignac in  
Furnestin et al., 1958.  
Trewavas, 1964(1): 112.  
UMBRINA FUSCOLINEATA Von  
Bonde, 1923  
Trewavas, 1964(1): 110 (Syn.)  
UMBRINA GRACILICIRRHUS  
Metzelaar, 1919.  
Trewavas, 1964(1): 107, 115  
(Barbel)

- UMBRINA KÜHLII Cuv.  
Trewavas, 1964(1): 110.
- UMBRINA LAFONTI  
Trewavas, 1964(1): 113 (Syn.)
- UMBRINA MACROPTERA Bleeker  
Trewavas, 1964(1): 110.
- UMBRINA REEDI Günther, 1880.  
Trewavas, 1964(1): 115.
- UMBRINA ROBINSONI Gilchrist  
& Thompson, 1908.  
Trewavas, 1964(1): 112, 114.
- UMBRINA RONCADOR Jordan &  
Gilbert, 1881.  
Trewavas, 1964(1): 115.
- UMBRINA RONCHUS Val., 1843.  
Trewavas, 1964(1): 112.
- UMBRINA RUSSELLI Cuv.  
Trewavas, 1964(1): 110  
(Genotype of *Dendrophysa*)
- UMBRINA SINUATA Day, 1878.  
Trewavas, 1964(1): 112-113.
- UMBRINA STEINDACHNERI  
Cadenat, 1950.  
Trewavas, 1964(1): 112.
- UMBRINA STRIATA Boulenger,  
1888.  
Trewavas, 1964(1): 112, 114.
- UMBRINA XANTI Gill, 1862.  
Trewavas, 1964(1): 111, 115.
- UPENEOIDES BENSASI (Tem-  
minck & Schlegel)  
—Goatfish.  
Iwai, 1963(2): 273 (Taste buds)
- UPPER JAW BONES  
Berry, 1964(2): 375 (Teleosts)
- URANOSCOPIDAE —Electric Fish.  
Nelson, 1960(1): 131 (Lateral line  
nerve)  
Mees, 1962(2): 462 (Internal noses)  
Dawson, 1962(4): 838 (Abnormal  
coloration)
- URANOSCOPIUS Linn.  
Mees, 1962(2): 462.  
Tortonese, 1964(1): 102.
- URASPIS Bleeker  
Berry, 1963(3): 584 (Tax.)
- URASPIS HEIDI Fowler, 1938.  
Wells, 1960(4): 353 (Additional  
records)
- URINOPHILUS DIABOLICUS Myers,  
1927.  
Kelley & Atz, 1964(4): 702.
- UROCONGER Kaup  
Kanazawa, 1957(3): 234.
- UROLOPHUS ASPIDURUS Jordan &  
Gilbert  
LaMarca, 1963(3): 593.
- UROLOPHUS HALLERI Cooper  
LaMarca, 1963(3): 593.
- UROLOPHUS JAMAICENSIS (Cuvier)  
LaMarca, 1963(3): 593 (Uterine  
embryos, spiracular fold.)
- UROLOPHUS NEBULOSUS Garman  
LaMarca, 1963(3): 593.
- UROPHYCIS CHUSS (Walbaum)  
—Squirrel Lake, Red Hake.  
Miller & Marak, 1959(3): 248  
(Early larval stages)  
Mansueti, 1963(1): 53 (Symbiosis  
with jellyfish)  
Colton & Honey, 1963(2): 447.
- UROPTERYGIUS MARMORATUS  
(Lac.) —Eel.  
Gosline & Strasburg, 1956(1): 16  
(Hawaii)
- V**
- VALAMUGIL Smith  
John, 1955(3): 228 (Key to species)  
Ebeling, 1957(3): 173 (Dentition)
- VALAMUGIL COERULOMACULATUS  
(Lac.)  
John, 1955(3): 228 (India)
- VALAMUGIL SEHELI (Forsk.)  
John, 1955(3): 228 (India)
- VALENCIA Myers  
Uyens & Miller, 1962(3): 528.
- VALENCIENNELUS TRIPUNC-  
TULATUS (Esmark)  
Grey, 1956(4): 243 (Gulf of Mexico)
- VANDELLIA Cuv. & Val.  
Kelley & Atz, 1964(4): 702.
- VANDELLIA CIRRHOSA Val.  
—Bloodsucking Candiru Cat-  
fish.  
Myers, 1964(1): 36 (Brazil)
- VANDELLIA HEMATOPHAGA  
Guimaraes, 1935.  
Kelley & Atz, 1964(4): 702.
- VANDELLIA PLAZAE Casteln.  
Kelley & Atz, 1964(4): 702.
- VARICUS Robins & Böhlke, 1961.  
Robins & Böhlke, 1961(1): 46.
- VARICUS BUCCA Robins & Böhlke,  
1961.  
Robins & Böhlke, 1961(1): 47.
- VELIFER Schlegel, 1850.  
Walters, 1960(3): 246 (Non-  
binomial)
- VELIFER Bleeker, 1879.  
Walters, 1960(3): 246 (Tax.)
- VELIFER HYPSELOPTERUS  
Bleeker, 1879.  
Walters, 1960(2): 144 (Swim bladder)



**VELIFER HYPSELOPTERUS**

(continued)

Walters, 1960(3): 246 (Tax. - Japan)

**VELIFER MULTIRADIATUS** Regan, 1907.

Walters, 1960(3): 246 (Type of *Metavelifer*)

**VELIFER MULTISPINOSUS** Smith

Walters, 1960(3): 246-247 (Syn.)

**VELIFERIDAE**

Walters, 1960(2): 144 (Swim bladder)

Walters, 1960(3): 245-246 (Synopsis)

**VELIFEROIDEI**

Walters, 1960(3): 245 (Synopsis)

**VELLELA**

Mansueti, 1963(1), 58 (Symbiosis with fish)

**VERMA KENDALLI** Gilbert

—Kendall's Eel.

Dawson, 1959(4): 343 (S. C.)

**VILLORA** Hubbs & Cannon, 1935.

Branson & Moore, 1962(1): 26-27 (Acoustico-lateralis syst.)

**VINCIGUERRIA** Jordan & Evermann

Wisner, 1963(1): 27 (Tax.)

**VINCIGUERRIA NIMBARIA** (Jordan & Williams)

Briggs, 1960(3): 174 (Circum-tropical)

**VOMER SETAPINNIS** (Mitchell)

Springer, 1961(4): 481 (Tampa Bay, Fla.)

**W**

**WALLAGO ATTU** Bloch & Schneider

Kapoor, 1961(2): 176 (Sensory canals)

Mithel, 1964(4): 677 (Cranial nerves)

**X**

**XANTHICHTHYS LINEOPUNCTATUS**

(Holland)

Briggs, 1960(3): 179 (Indo-Pacific)

**XANTHICHTHYS RINGENS** (Linn.)

—Redtail Triggerfish.

Briggs, 1960(3): 179 (Circum-tropical)

Gosline, 1961(3): 267 (Caudal skeleton)

Dawson, 1962(2): 444 (Gulf of Mexico)

**XENOCONGER** Regan

Orton, 1964(2): 441.

**XENOCONGER FRYERI** Regan

Orton, 1964(2): 441.

**XENOCONGRIDAE**

Matsubara & Asano, 1959(4): 293.

Orton, 1964(2): 439.

**XENODEXIA CTENOLEPIS** Hubbs

Warburton, Hubbs & Hagen, 1957(4): 300.

**XENOGRAMMA CARINATUM** Waite, 1904.

Schultz & Springer, 1956(1): 65 (Syn.)

**XENOMUGIL** Schultz, 1946.

Ebeling, 1957(3): 173 (Dentition)

Norris & Prescott, 1959(4): 276.

Ebeling, 1961(3): 295.

**XENOMUGIL THOBNURNI** (Jordan & Starks, 1896)

Ebeling, 1957(3): 173 (Dentition)

Ebeling, 1961(3): 295.

**XENOMYSTAX RICTUS** Garman

—Eel.

Orton, 1962(3): 664 (Vertebral count)

**XENOPHTHALMICHTHYS DANAE**

Regan

Guthertz, 1964(1): 234 (Range extension)

**XENUROBRYCON** Myers & Mir. -

Rib., 1945.

Böhlke, 1958(4): 318.

**XENUROBRYCON MACROPS**

Myers & Miranda-Ribeiro, 1945.

Böhlke, 1958(4): 319 (Tax.)

**XENUROBRYCONINI**

Böhlke, 1958(4): 318.

**XIPHIAS** Artdi

Walters, 1963(2): 270 (Integument)

**XIPHIAS GLADIUS** Linn. —Broadbill

Swordfish.

Arnold, 1955(2): 150 (Gulf of Mexico)

Slastenenko, 1955(3): 233 (Black Sea)

Scott & Crossman, 1959(4): 344 (Canada)

Briggs, 1960(3): 177 (Circum-tropical)

Squire, 1962(1): 216 (W. North Atl.)

Eschmeyer, 1963(3): 590 (Gulf of Mexico)

Tortonese, 1964(1): 100 (Med.)

## XIPHIIDAE

Briggs, 1960(3): 177.

## XIPHISTER ATROPURPUREUS

—Black Prickleback.

Batts, 1961(3): 351 (Food of  
gartersnake)

## XIPHOPHORUS Heckel

Liem, 1963(2): 309 (Sex  
reversal)

## XIPHOPHORUS COUCHIANUS

COUCHIANUS (Girard)

Rosen & Mendelson, 1960(3):  
204 (Sensory canals)

Rosen & Tucker, 1961(2): 202  
(Sex behavior in viviparous  
fishes)

Miller & Minckley, 1963(3): 538.

Kallman, 1964(3): 513 (Genetics  
of tissue transplants)

## XIPHOPHORUS COUCHIANUS

GORDONI (Miller & Minckley,  
1963)

Kallman, 1964(3): 514 (Subsp.,  
by Rosen & Bailly, 1963)

## XIPHOPHORUS GORDONI Miller

& Minckley, 1963.

Miller & Minckley, 1963(3): 538  
(Mexico)

## XIPHOPHORUS HELLERI

GÜNTHERI (Jordan & Ever-  
mann)

Rosen & Mendelson, 1960(3): 204  
(Sensory canals)

## XIPHOPHORUS HELLERI HELLERI

Heckel —Swordtail.

Rosenthal, 1955(1): 52 (Abnormal  
birth of broods)

Warburton, Hubbs & Hagen, 1957  
1957(4): 299

Rosen & Mendelson, 1960(3): 204  
(Sensory canals)

Baslow & Nigrelli, 1961(1): 9.

Rosen & Tucker, 1961(2): 202

(Sex behavior in viviparous  
fishes)

Gordon & Rosen, 1962(2): 368  
(Mexico)

Hisaoka, 1963(1): 189 (Congenital  
teratoma)

Hewitt, et al, 1963(2): 298  
(Muscle proteins)

Schultz, 1963(2): 325 (Vertebral  
deformity)

Kosswig, 1964(1): 67 (Poly-  
morphism)

Deacon, et al, 1964(2): 385 (Intro-  
duced - Nev.)

## XIPHOPHORUS MACULATUS

(Günther) —Platyfish.

Warburton, Hubbs & Hagen,  
1957(4): 299.

Rosen & Mendelson, 1960(3): 204  
(Sensory canals)

Baslow & Nigrelli, 1961(1): 10

Rosen & Tucker, 1961(2): 202  
(Sex behavior in viviparous  
fishes)

Hewitt, et al, 1963(2): 298

(Muscle proteins)

Kosswig, 1964(1): 66 (Poly-  
morphism)

Deacon, et al, 1964(2): 385  
(Introduced - Nev.)

Kallman, 1964(3): 514.

## XIPHOPHORUS MONTEZUMAE

CORTEZI

Rosen & Mendelson, 1960(3): 204  
(Sensory canals)

## XIPHOPHORUS MONTEZUMAE

MONTEZUMAE Jordan &

Snyder

Rosen & Mendelson, 1960(3): 204  
(Sensory canals)

Rosen & Tucker, 1961(2): 202  
(Sex behavior in viviparous  
fishes)

## XIPHOPHORUS PYGMAEUS

NIGRENSIS

Rosen & Mendelson, 1960(3): 204  
(Sensory canals)

## XIPHOPHORUS PYGMAEUS PYG-

MAEUS Hubbs & Gordon

Rosen & Mendelson, 1960(3): 204  
(Sensory canals)

Rosen & Tucker, 1961(2): 202  
(Sex behavior in viviparous  
fishes)

Hewitt, et al, 1963(2): 298  
(Muscle proteins)

## XIPHOPHORUS VARIATUS VARIATUS

Meek

Rosen & Mendelson, 1960(3): 204  
(Sensory canals)

Rosen & Tucker, 1961(2): 202  
(Sex behavior in viviparous  
fishes)

Deacon, et al, 1964(2): 388  
(Montana)

## XIPHOPHORUS VARIATUS

XIPHIDIUM (Gordon)

Rosen & Mendelson, 1960(3): 204  
(Sensory canals)

Miller & Minckley, 1963(3): 538.

- XUREL FASCIATUS (Cuv.)  
 Berry, 1963(3): 584 (Syn.)  
 XYELACYBA Cohen, 1961.  
 Cohen, 1961(3): 288 (Gulf of Mexico)  
 XYELOCYBA MYERSI Cohen, 1961.  
 Cohen, 1961(3): 289 (Gulf of Mexico)  
 XYRICHTHYS Quoy & Gaimard, 1824.  
 Briggs, 1961(2): 238 (Tax.)  
 XYRICHTYS Cuv., 1815  
 —Razorfish.  
 Briggs, 1961(2): 238 (Tax. - orig. spelling)  
 XYSTREURYS LIOLEPIS Jordan & Gilbert  
 Follett, McCormick & Best, 1960(2): 115.

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- ZALIEUTES ELATER (Jordan & Gilbert)  
 Hubbs, 1958(3): 161.  
 ZANCLUS Cuv. & Val.  
 Gosline, 1961(3): 267 (Caudal skeleton)  
 ZANCLUS CANESCENS (Linn.)  
 —Moorish Idol  
 Strasburg, 1926(4): 844 (Hawaii)  
 ZANCLUS CORNUTUS (Linn.)  
 Strasburg, 1962(4): 844.  
 ZAPRORA SILENUS Jordan—Prowfish  
 Mansueti, 1963(1): 60 Symbiosis with jellyfish)  
 ZEBRASOMA SCOPAS (Cuv.)  
 —Surgeonfish.  
 Randall, 1961(2): 237 (Spawning - Society Isl.)  
 ZEBRIAS JAPONICUS (Bleeker)—Sole  
 Dawson, 1962(1): 144 (Reversed scales)  
 ZEIDAE  
 Welander, Johnson & Hajny, 1957(3): 245.  
 ZEUS Linn.  
 Tortonese, 1964(1): 102.  
 ZEUS FABER (Linn.)  
 Slatenenko, 1955(3): 233 (Black Sea)  
 Norris & Prescott, 1959(4): 276.  
 ZINGEL Cloquet, 1817.  
 Collette, 1963(4): 616.  
 ZINGEL ASPER (Linn.)  
 Collette, 1963(4): 616, 621.  
 ZINGEL STREBER (Siebold)  
 Collette, 1963(4): 616, 621.  
 ZINGEL ZINGEL (Linn.)  
 Collette, 1963(4): 616, 621.  
 ZOARCES VIVIPARUS (Linn.)  
 Krueger, 1961(4): 447.  
 DeWitt, 1962(4): 820.  
 ZU Walters & Fitch, 1960.  
 Walters, 1963(2): 260, 270 (Integument)  
 ZU CRISTATUS (Bonelli, 1820)  
 Walters, 1963(2): 261.


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